

Conf. Release

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

AMB
3-17-72

COMPLETION DATA:

Date Well Completed

DW..... WW..... TA.....

GW..... OS..... PA.....

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log.....

Electric Logs (No.)

E..... I..... Dual I Lat..... GR-N..... Micro.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Utah-0143284	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR CHORNEY OIL COMPANY-PACIFIC GAS TRANSMISSION COMPANY		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		8. FARM OR LEASE NAME So. Red Wash-Fed.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface SW SW Sec. 23, T8S, R23E (607' FWL & 803' FSL) At proposed prod. zone Uintah County, Utah Same		9. WELL NO. #1-23	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 miles south of Red Wash, Utah		10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) --		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T8S, R23E, SLM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. --		12. COUNTY OR PARISH 13. STATE Uintah Utah	
16. NO. OF ACRES IN LEASE --		17. NO. OF ACRES ASSIGNED TO THIS WELL 40+	
19. PROPOSED DEPTH 10,300' ✓		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Ground 5131'		22. APPROX. DATE WORK WILL START* 4-1-72	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48	300'	300 sx of 50-50 Poz.
(If necessary) 12-1/4"	9-5/8"	32.30	3,500'	250 sx
8-3/4"	5-1/2"	15.5 & 17	10,300'	400 sx

Operator proposes to drill a 10,300' test into the Mancos formation. All significant oil and gas shows will be drillstem tested or otherwise evaluated using electric logs and/or geological data. If economic production is encountered, a properly designed string of 5-1/2" casing will be run and cemented.

Adequate doublegate and Hydril BOPE will be installed and in operation from under surface casing. The BOPE will be of the 900 series type, will be checked daily for mechanical operation, and will be pressure tested to a minimum of 1000 psig for 30 minutes prior to drilling out.

Operator will mud up from under surface or intermediate casing and will maintain mud weight adequate to control all formation pressures.

LOCATION PLAT IS ATTACHED.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED A. G. Foust TITLE Chief Engineer DATE 3-14-72

(This space for Federal or State office use)

PERMIT NO. 43-047-30125

APPROVAL DATE _____

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Utah Division of Oil & Gas Conservation - Pacific Gas Transmission Company
Diamond Shamrock Corporation

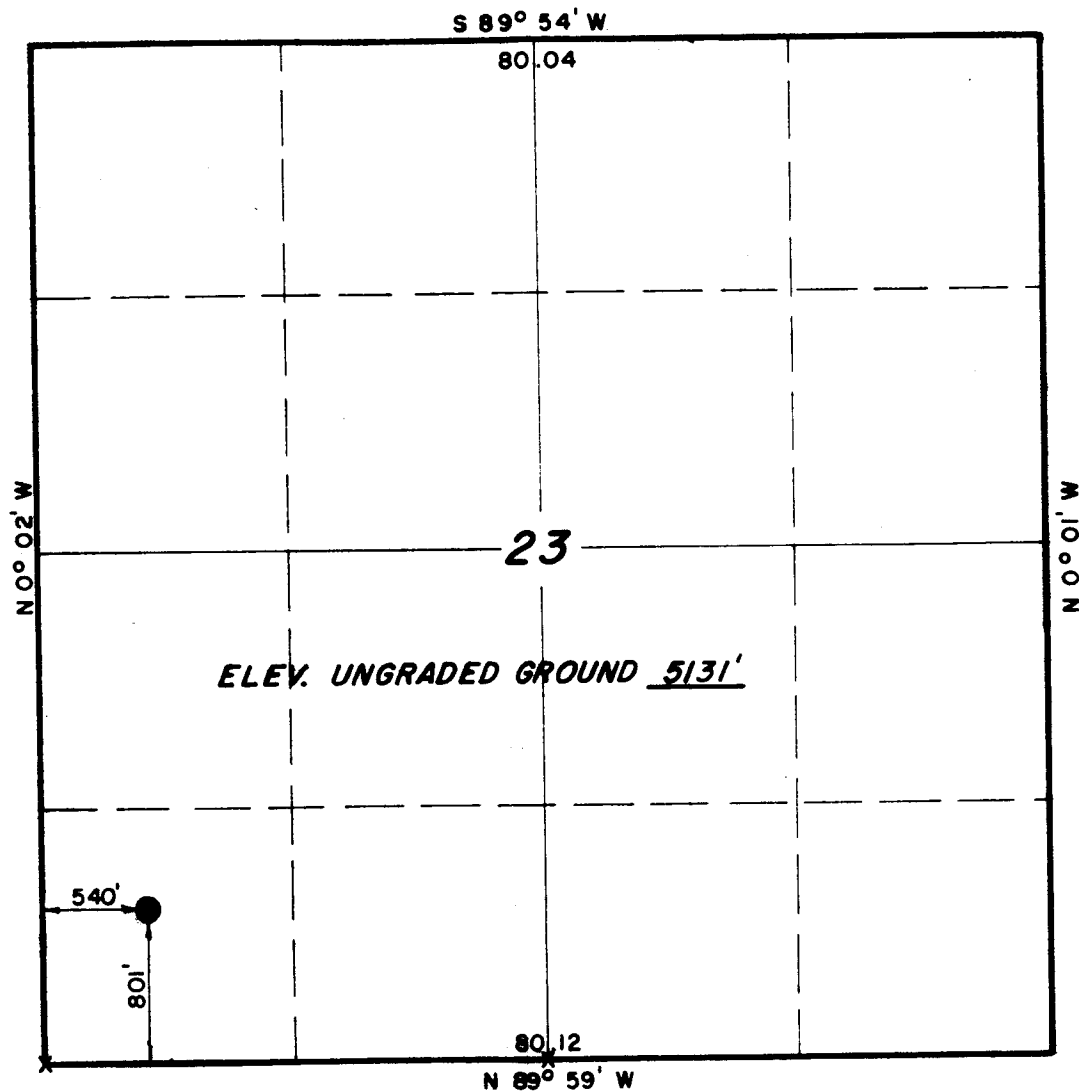
*See Instructions On Reverse Side

T8S, R23E, S.L.B.&M.

PROJECT

CHORNEY OIL COMPANY

Well location located as shown in
the SW1/4 SW1/4 Section 23, T8S,
R 23 E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located (BRASS CAPS)



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Richard J. Marshall

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

Revised: 9 May, 1972
Revised: 26 April, 1972

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6 Mar., 1972
PARTY L.D.T. D.A.	REFERENCES GLO Plat
WEATHER Good	FILE CHORNEY OIL CO.

March 17, 1972

Chorney Oil Company
Box 144
Casper, Wyoming 82601

Re: So. Red Wash Federal #1-18
Sec. 18, T. 9 S, R. 24 E,
~~So. Red Wash Federal #1-23~~
Sec. 23, T. 8 S, R. 23 E,
SE Flank Uinta Federal #1-28
Sec. 28, T. 15 S, R. 22 E,
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OCC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation with regard to completing this form will be greatly appreciated.

The API numbers assigned to these wells are:

Federal #1-18:	#43-047-30124
Federal #1-23:	#43-047-30125
Federal #1-28:	#43-047-30126

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

CORNEY OIL COMPANY - PACIFIC GAS TRANSMISSION COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 144, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

SW SW Sec. 23, T.8 South, R.23 East (540' FWL & 801' NSL)

At proposed prod. zone Uintah County, Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 Miles South of Red Wash, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

10,300

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40+

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

Ground 5131'

22. APPROX. DATE WORK WILL START*

4-1-72

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48 1/2	300'	300 Sx Type 'C'
12 1/4"	9 5/8"	32.3-36 1/2	5400'	250 Sx
7 7/8"	5 1/2"	15.5-17 1/2	10,300'	400 Sx

Subject location approved March 28, 1972, location was moved 67' West due to terrain, casing program modified to set 9 5/8" casing at a deeper depth. Well spudded 5-7-72.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 5/15/72

BY *Sam E. Bolts, Jr.*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

(This space for Federal or State office use)

TITLE

Operations Manager

DATE 5-10-72

PERMIT NO.

43-047-30125

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc. Utah Division of Oil & Gas Conservation (2)

Pacific Gas Transmission Company

Diamond Shamrock Corp.

*See Instructions On Reverse Side

June 20, 1972

Chorney Oil Company
Box 144
Casper, Wyoming 82601

Re: Well Numbers:
Peters Point Federal #1-10
Sec. 10, T. 13 S, R. 16 E,
Stone Cabin Unit #1-11
Sec. 11, T. 12 S, R. 14 E,
Carbon County, Utah
So. Red Wash Federal #1-18
Sec. 18, T. 9 S, R. 24 E,
So. Red Wash Federal #1-23
Sec. 23, T. 8 S, R. 23 E,
SE Flank Uinta #1-28
Sec. 28, T. 15 S, R. 22 E,
Uintah County, Utah

Gentlemen:

Our records indicate that you have not filed a "Monthly Report of Operations" for the months of April and May, 1972, on the subject wells.

Rule C-22(1), General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form UGC-1b, (U.S. Geological Survey 9-331), "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. Enclosed are forms for your convenience.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

Received

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23, T8S, R23E, SLM. (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash Federal
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) MONTHLY OPERATIONS REPORT <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

6-1-72: 5334', drilling Wasatch formation. 7-7/8" hole. Oil Faze mud.
Set 9-5/8" intermediate casing at 5279' K.B. Cemented with 330 sacks cement. Plug down at 11:25 P.M. 5-29-72. Set 13-3/8" surface casing at 303 K.B. cemented with 300 sacks Class G bulk cement. Plug down at 12:45 P.M. 5-9-72. Spudded 8 P.M. 5-7-72.

18. I hereby certify that the foregoing is true and correct

SIGNED Sam T. Boltz, Jr.
Sam T. Boltz, Jr.TITLE Operations ManagerDATE 6-22-72

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

cc: PGT
Diamond Shamrock

*See Instructions on Reverse Side

National Marketing Surveys

127 TOWNSEND STREET, MIDLAND, MICHIGAN 48640
517-636-4509

June 28, 1972

Dear Test Participant:

Thank you very much for your willingness to participate in this evaluation of the enclosed plastic food wraps.

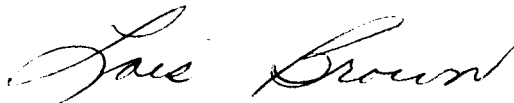
Please follow the use directions on the labels. Use these products as often as you can during the next three weeks or so.

We ask that you test these products in a certain way so that they can be easily compared. If you are wrapping sandwiches, for example, wrap one with one product, and wrap another with the other product. If you are covering a bowl, cover it with one of the products, then the next time you cover a bowl use the other product. The idea is to use both products for similar if not the same tasks, so that you can compare one with the other on the same basis.

Look for such things as ease of dispensing from the box, handling ease in use, cling, how well each protects and preserves the food, and so on. You may want to keep notes of your observations so that you can remember them when our interviewer calls you for your opinions. You may use the back of this letter for that purpose if you wish.

Our interviewer will call you back during the week of July 24. It is only with your help and the help of other homemakers like you that manufacturers can make products to better suit your needs.

Sincerely,



(Mrs.) Lois Brown
Field Director

Enclosure

jw/

Reynold Lys h
Chamney Oil Co.
Sr. Red Wash 1-23
sec 23 T8S R23E

~~7/24/72~~
7/24/72

T.D. - 10,297 "

300' of 13 $\frac{3}{8}$ "
5200' of 9 $\frac{5}{8}$ " - 4" of Washed
7 $\frac{7}{8}$ " hole

R.B. to 9 $\frac{5}{8}$ " & Recover as much as possible
Elect log top. 1642'
Green river - 4770
Wasatch - 5226
Wasatch - 7546
Merced - 10,153

Completed 9 $\frac{5}{8}$ " to 4679 - top of World & World transit

(1) 50 sb ~~at~~ across top of Merced 10,153 to 9987
14 lb slurry - 16.6 fl / bbl.

(2) top of Merced 7546 (30 sb) to 7446

(3) 30 sb at bottom of 9 $\frac{5}{8}$ " - 7.45 bbl / 100 fl
of 5300 to 5244'

(4) Cut $\approx 4500'$ - above Washed - no Oil shal
no gas back - no
iron water -
dull / clean
water and gel -
no contamination

(5) 30 sb plug top of Green river 1642'

(6) 30 sb line of reef
pys - 75% iron

(7) - 10 sb / marker / mud between
plugs -
good water back
45 miscos 9.2 lb / gal.

Paul

5/10

Rudy Baur
Hans AOK

Wild Coll U.S.S. S in Manning - 7/25/72
Daniel on Vicar

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23, T8S, R23E, S1M (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash Federal
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 23-T8S-R23E S1M
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**NOTICE OF INTENTION TO:**TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) MONTHLY OPERATIONS REPORT ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐**SUBSEQUENT REPORT OF:**WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

7-11-72: Drlg 10,045' - 7-7/8" hole. Contractor Signal Drlg Co.

DST #1 7255-7285', Mesaverde, GTS 1 hr 12 min. TSTM. Recovered 120' SGCDM and 90' of HGCDM.

DST #2 7434-7624' Mesaverde, Recovered 35' drlg mud.

DST #3 7677-7902', Mesaverde, GTS in 20 min., measured rate 3.92 MCFPD.

DST #4 9169-9336', Mesaverde, GTS in 90 min, measured 4.76 MCFD. Recovered 566' HGCDM.

PLEASE HOLD IN CONFIDENCE.

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Bolts, Jr.

TITLE Operations Manager

DATE 7-11-72

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: Pacific Gas Transmission Co.
Diamond Shamrock

*See Instructions on Reverse Side

CHORNEY OIL COMPANY
SOUTH RED WASH - FEDERAL 1-23
SW SW SEC. 23-T8S-R23E SLM
UINTAH COUNTY, UTAH

July 26, 1972

Ted Lindgren
Ted Lindgren
Consulting Geologist

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GENERAL INFORMATION SUMMARY

OPERATOR: Chorney Oil Company

LEASE & NUMBER: South Red Wash - Federal 1-23

LOCATION: SW SW Sec.23-T8S-R23E SLM 13
Uintah County, Utah

ELEVATION: Ground: 5131' K.B.: 5147'

CONTRACTOR: Signal Drilling - Rig #14
Glynn Mayson, Pusher

SPUD DATE: May 7, 1972 @ 8:00 p.m.

SURFACE CASING: Ran 10 joints of 13 3/8" 48# casing totaling 302.72' plus Larkin guide shoe 1.50' for total of 304.22, landed @ 302', Cemented with 300 sacks class G regular, 2% CaCl₂, good returns; plug down @ 12:45 p.m. May 9, 1972

INTERMEDIATE CASING: Ran 127 joints of 9 5/8" casing consisting of 23 joints of N-80 40# LT & C totaling 914.32'; 24 joints of K-55 40# ST & C totaling 1020.75'; 79 joints of K-55 36# ST & C totaling 3284.67' and 1 joint of K-55 40# ST & C totaling 42.05' with a Haliburton guide shoe of 1.20' and a differential fill float collar of 2.30' for a total of 5265.29'; landed at 5279' K.B., float collar @ 5237.67', Cemented with 165 sacks of class G regular cement, 1/4# flo-seal per sack and 165 sacks of class G regular neat cement. Mixed with 66 barrels water and displaced with 403 barrels drilling mud. Plug down @ 11:25 p.m., May 29, 1972.

HOLE SIZE: 17 1/2" to 305'; 12 1/4" to 5280';
7 7/8" to T.D.

MUD PROGRAM: Fresh water low solids chemical-gel from surface to 5280'; inverted oil faze emulsion from 5280' to T.D. by Magcobar

CORES: Schlumberger sidewall slices 9863-66, 9827-30, 9783-86, 9320-23, 9307-10, 7822-25, 7816-19, 7294-97 NR, 7270-73, 7262-65, 6262-65 NR, 6248-51 NR, 6285-88

GENERAL INFORMATION SUMMARY CONT'D.

DRILL STEM TESTS: Total of twelve including mis-runs by Lynes, Inc.; Casper, Wyoming

SAMPLING PROGRAM: 10' samples from base of surface pipe to T.D.

SAMPLE DISPOSITION: Samples in possession of American Stratigraphic Company; Casper, Wyoming

TOTAL DEPTH: Driller: 10,297' Logger: 10,285'

LOGGING PROGRAM: Dual Induction Laterolog, Gamma Ray-Sonic with F Log, Compensated Neutron Log, Formation Density Log from T.D. to surface by Schlumberger; Vernal, Utah

GAS DETECTOR: Unmanned portable from 300' to 9139'; one man logging unit from 9139' to T.D. by Mills Well Logging; Casper, Wyoming

ENGINEERING: Sam Boltz, Chorney Oil Company, and Birl Lynch, Consultant; Casper, Wyoming

GEOLOGIST: Ted Lindgren, Consultant; Casper, Wyoming

STATUS: Plugged back to bottom of intermediate casing -- testing

CHRONOLOGICAL DRILLING SUMMARY

May 11, 1972	Drilling @ 719'
May 12	Tripping @ 1340'
May 13	Drilling @ 1913'
May 14	Drilling @ 2456'
May 15	Drilling @ 2615' with partial returns
May 16	Drilling @ 2865'
May 17	Drilling @ 3153'
May 18	Drilling @ 3462'
May 19	Drilling @ 3763'
May 20	Drilling @ 4071'
May 21	Drilling @ 4358'
May 22	Drilling @ 4650'
May 23	Drilling @ 4873'
May 24	Drilling @ 4920'
May 25	Drilling @ 5033'
May 26	Drilling @ 5108'
May 27	Drilling @ 5195'
May 28	Circulating for logs, T.D. 5280'
May 29	Waiting on orders, T.D. 5280'
May 30	Waiting on cement, T.D. 5280'
May 31	Mixing mud, T.D. 5280'
June 1	Drilling @ 5354'
June 2	Drilling @ 5503'
June 3	Repairing rig, T.D. 5873'
June 4	Drilling @ 5931'
June 5	Drilling @ 6367'
June 6	Drilling @ 6542'
June 7	Drilling @ 6804'
June 8	Tripping @ 7005' - lost 1 cone
June 9	Drilling @ 7074'
June 10	Drilling @ 7198'
June 11	Testing: DST #1, T.D. 7285'
June 12	Drilling @ 7437'
June 13	Tripping for DST #2 @ 7624'
June 14	Drilling @ 7642'
June 15	Drilling @ 7813'

CHRONOLOGICAL DRILLING SUMMARY CONT'D.

June 16	Testing: DST #3, T.D. 7902'
June 17	Drilling @ 7902'
June 18	Tripping @ 8115'
June 19	Tripping @ 8278'
June 20	Tripping @ 8360'
June 21	Drilling @ 8468'
June 22	Drilling @ 8649'
June 23	Tripping @ 8735'
June 24	Drilling @ 8879'
June 25	Drilling @ 8991'
June 26	Tripping @ 9098', lost 3 cones
June 27	Drilling @ 9126'
June 28	Drilling @ 9163'
June 29	Drilling @ 9268'
June 30	Pulling DST #4 - Mis-run, T.D. 9336'
July 1	Drilling @ 9336'
July 2	Drilling @ 9415'
July 3	Drilling @ 9536'
July 4	Tripping for hole in pipe @ 9600'
July 5	Drilling @ 9643'
July 6	Drilling @ 9726'
July 7	Drilling @ 9780'
July 8	Drilling @ 9870'
July 9	Drilling @ 9910'
July 10	Drilling @ 9953'
July 11	Drilling @ 10,056', depth correction of -12.48'
July 12	Drilling @ 10,145'
July 13	Drilling @ 10,217'
July 14	Drilling @ 10,286'
July 15	Logging, Driller's T.D. 10,297'
July 16	Logging
July 17	Testing DST #5
July 18	Testing
July 19 - 24	Testing
July 25	Prepare to plug back

FORMATION LOG TOPS

<u>Formation</u>	<u>Depth</u>	<u>Sub-sea Datum</u>
GREEN RIVER	1,624	[+ 3523]
H MARKER	3,790	[+ 1357]
I MARKER	3,924	[+ 1223]
J MARKER	4,176	[+ 971]
K MARKER	4,340	[+ 807]
L MARKER	4,549	[+ 598]
M MARKER	4,630	[+ 517]
N MARKER	4,697	[+ 450]
WASATCH TRANSITION	4,770	[+ 377]
WASATCH FORMATION	5,226	[- 79]
LOWER WASATCH MARKER	7,122	[- 1975]
MESA VERDE	7,546	[- 2399]
BUCK TONGUE SHALE	9,608	[- 4461]
CASTLEGATE SANDSTONE	9,676	[- 4529]
MANCOS SHALE	10,036	[- 4889]

* * * * *

DRILL STEM TESTSGeneral Remarks:

A total of twelve drill stem tests were attempted on this hole. Since all zones of interest were successfully tested, the mis-run tests are not shown in this report. The mis-run tests were over zones that were ultimately tested successfully.

DRILL STEM TESTSDST No. 1Interval: 7255'-7285'

Top Packer @ 7251

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 20,000#

Packer Size: 6 1/2"

Formation: WasatchType Test: Straight

Bottom Packer @ 7255'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Jim Holmes
Lynes, Inc.

Pre-flow: 5 min. 2nd. flow: 30 min. Final flow: 60 min.

ISI: 30 min. 2nd. SI: 60 min. FSI: 120 min.

Blow Characteristics: Tool opened blowing from bottom of bucket immediately, reopened with same blow on second and final flows, decreasing slightly after 30 minutes of final flow. Gas to surface after 72 minutes total flow, too small to measureRecovery: 120' slightly gas cut drilling mud, 90' heavily gas cut drilling mud

IHP 3173

2nd. FP 83

FSIP 2399

IFP 62

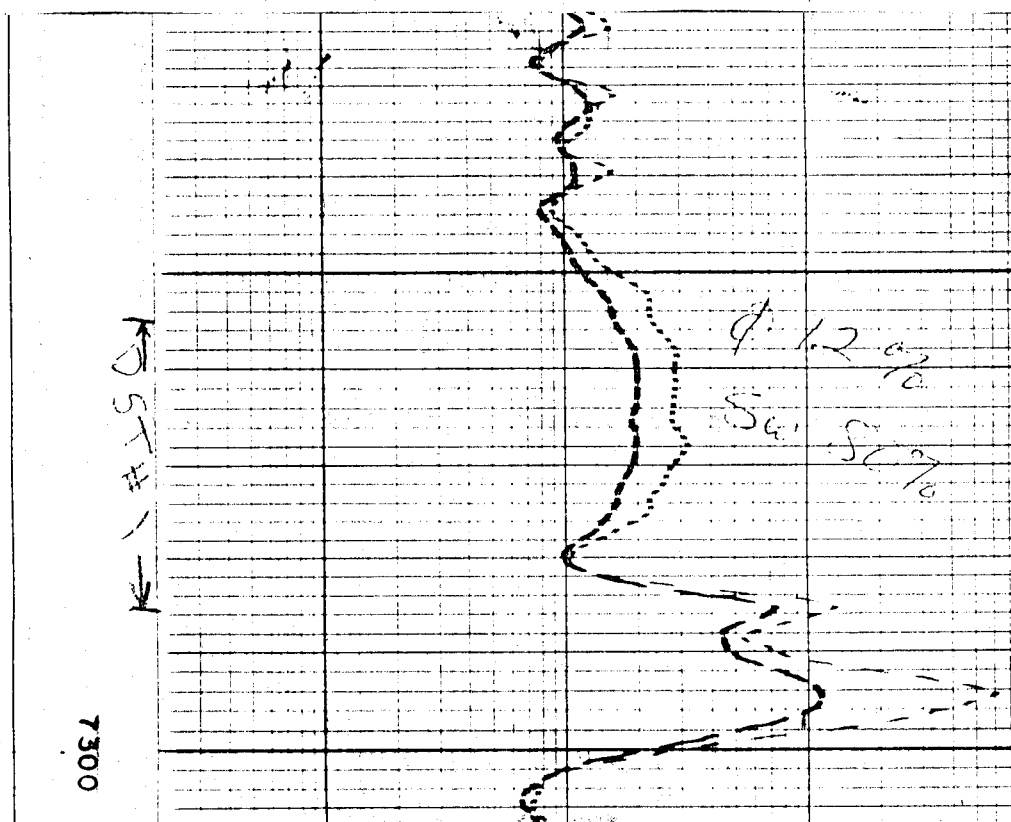
2nd. SIP 1897

FHP 3173

ISIP 831

FFP 124

BHT 150°F

Sampler: 30 P.S.I., 2500 cc heavily gas cut mud

DRILL STEM TESTSDST No. 2

Interval: 7434'-7624'

Top Packer @ 7428'

Top Choke: 1/4"

Drill Collar I.D.: 2½"

Wt. on Packers: 20,000#

Packer Size: 6½"

Pre-flow: 15 min.

ISI: 30 min.

Formation: Mesa Verde

Type Test: Straight

Bottom Packer @ 7434'

Bottom Choke: 15/16"

Drill Pipe: 4½"

Tester: Hollis Magruder
Lynes, Inc.

Final flow: 60 min.

FSI: 120 min.

Blow Characteristics: Tool opened with weak blow, 3/4" water,
reopened weaker, 1/8" water, steady throughout testRecovery: 35' drilling mud

IHP 3211

IFP 32

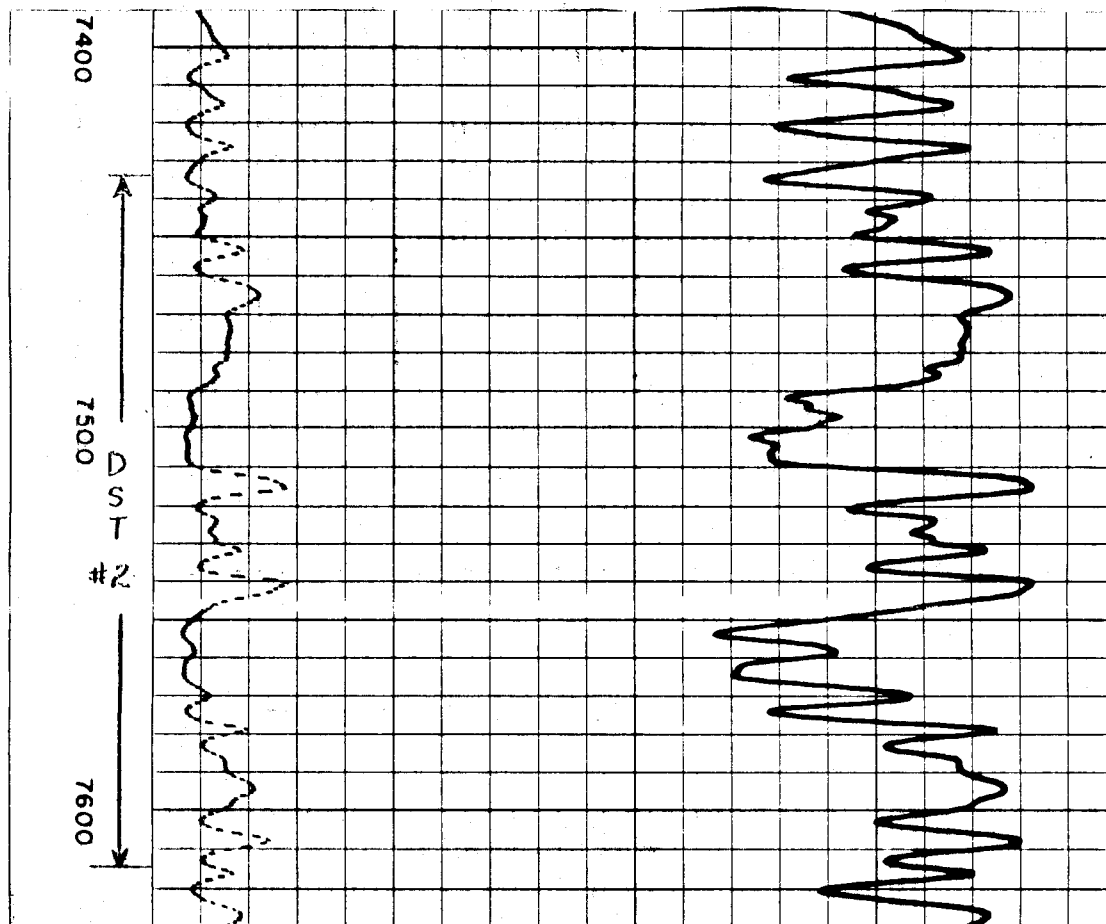
ISIP 328

FSIP 1174

FHP 3194

FFP 49

BHT Failed

Sampler: 2200 cc drilling fluid, 22# pressure

DRILL STEM TESTSDST No. 3Interval: 7677'-7902'

Top Packer @ 7573'

Top Choke: 1/4"-1/8"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 20,000#

Packer Size: 6 1/2"

Formation: Mesa VerdeType Test: Straight

Bottom Packer @ 7677'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Hollis Magruder
Lynes, Inc.Pre-flow: 7 min.Final flow: 120 min.ISI: 45 min.FSI: 240 min.Blow Characteristics: Tool opened with strong blow, reopened strong with gas to surface in 20 minutes immediately decreasing to 2# pressure on 1/8" orifice. Remained steady through test, gauged 3.92 MCF on orifice well testerRecovery: 320' heavily gas cut drilling fluid

IHP 3370

FSIP 1725

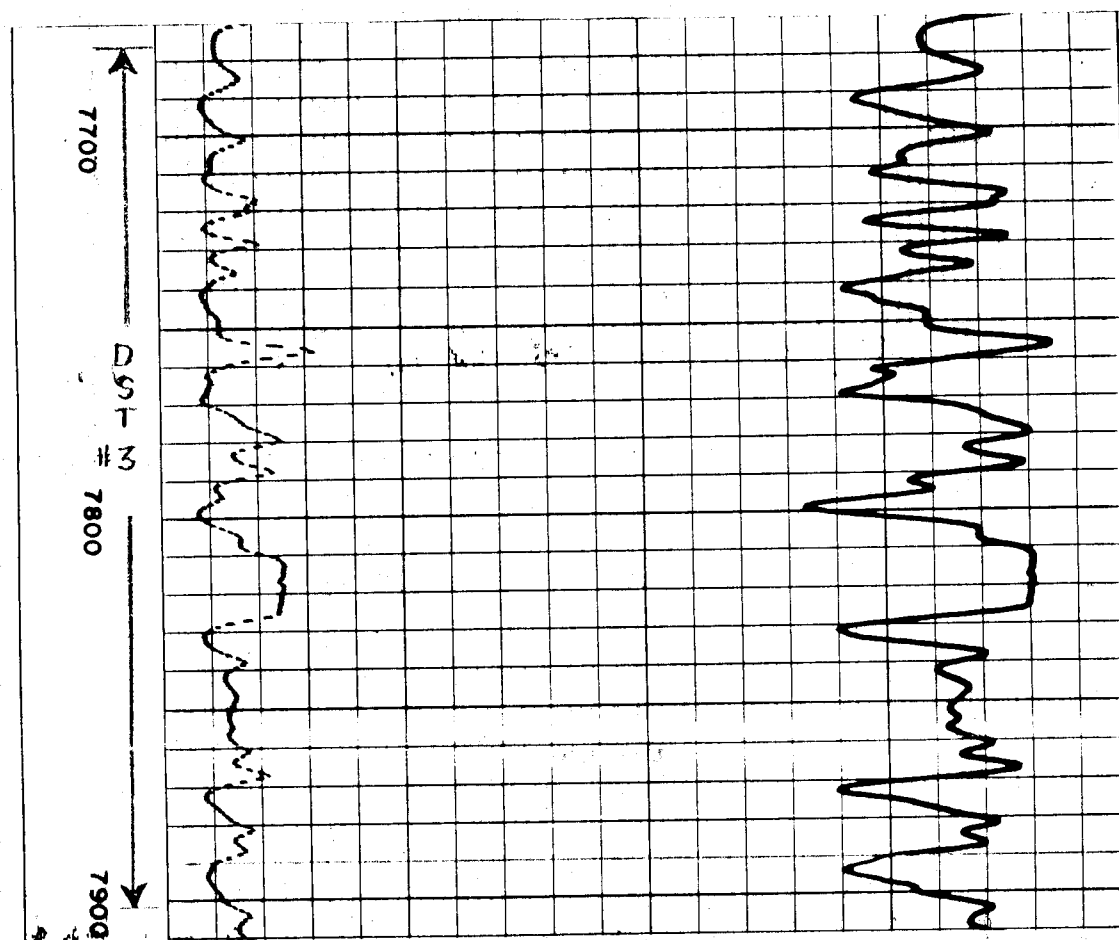
IFP 103

FHP 3349

ISIP 852

FFP 166

BHT 208°F

Sampler: 420# pressure, 3.2 cu. ft. gas, 760 cc drilling fluidRemarks: Pressures from inside recorder

DRILL STEM TESTSDST No. 5

Interval: 9169'-9336'

Top Packer @ 9164'

Top Choke: 1/4"

Drill Collar I.D.: 2 1/2"

Wt. on Packers: 24,000#

Packer Size: 6 1/2"

Formation: Mesa VerdeType Test: Straight

Bottom Packer @ 9169'

Bottom Choke: 15/16"

Drill Pipe: 4 1/2"

Tester: Ray Cottrell
Lynes, Inc.

Pre-flow: 5 min.

Final flow: 90 min.

ISI: 30 min.

FSI: 120 min.

Blow Characteristics: Tool opened with strong blow, reopened strong with 4.5# on orifice well tester = 19.5 MCF of air gradually decreased to blow too small to measure after 45 minutes, gas to surface in 55 minutes - 5.60 MCF, equalized for 25 minutes @ 4.76 MCF

Recovery: 566' heavily gas cut drilling mud

IHP 4251

FSIP 372

IFP 199

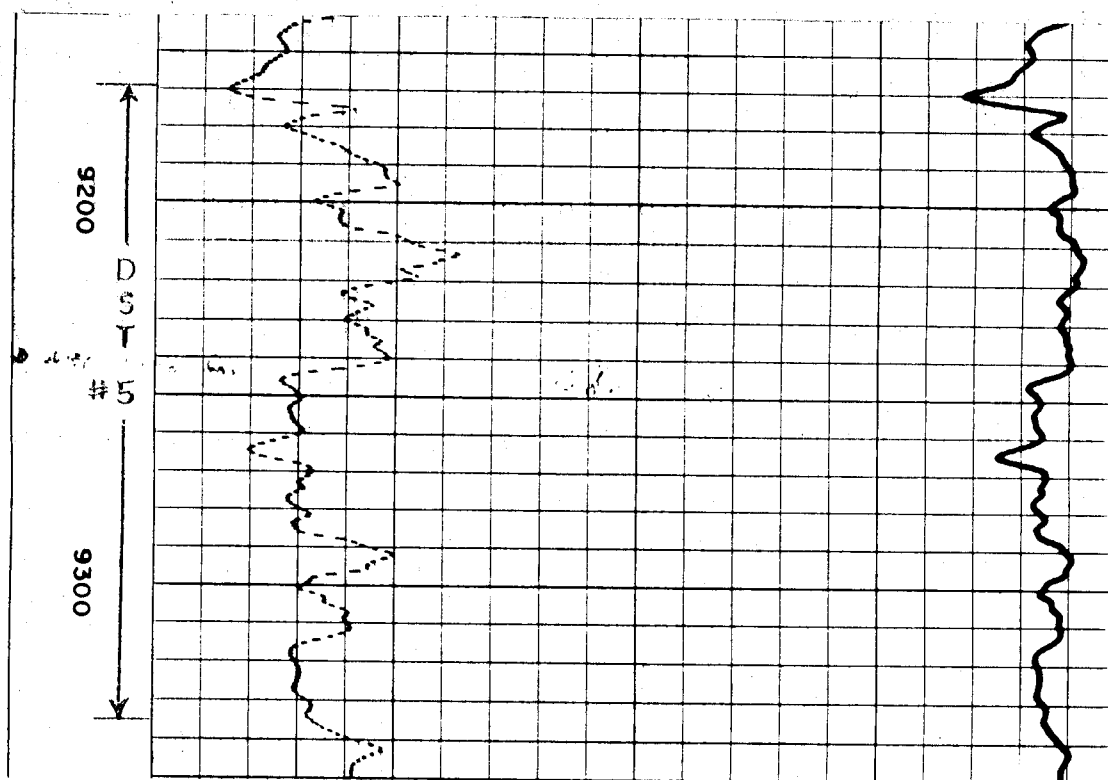
FHP 4277

ISIP 695

FFP 199

BHT 228°F

Sampler: 105# pressure, 800 cc gas cut drilling mud,
2.2 cu. ft. gas



DRILL STEM TESTSDST No. 9Formation: WasatchInterval: 7248'-7360'Type Test: Straddle Test

Top Packer @ 7248'

Bottom Packer @ 7360'

Top Choke: 1/4"

Bottom Choke: 1"

Drill Collar I.D.: 2 1/4"

Drill Pipe: 4 1/2"

Wt. on Packers: Inflatable

Tester: I.B. Webb
Lynes, Inc.

Packer Size: 7"

Pre-flow: 15 min.Final flow: 90 min.ISI: 60 min.FSI: 180 min.Blow Characteristics: Tool opened with weak blow and continued steady throughout test, no gas to surfaceRecovery: 260' gas cut mud

IHP 3381

2nd. FP 103

FSIP 2170

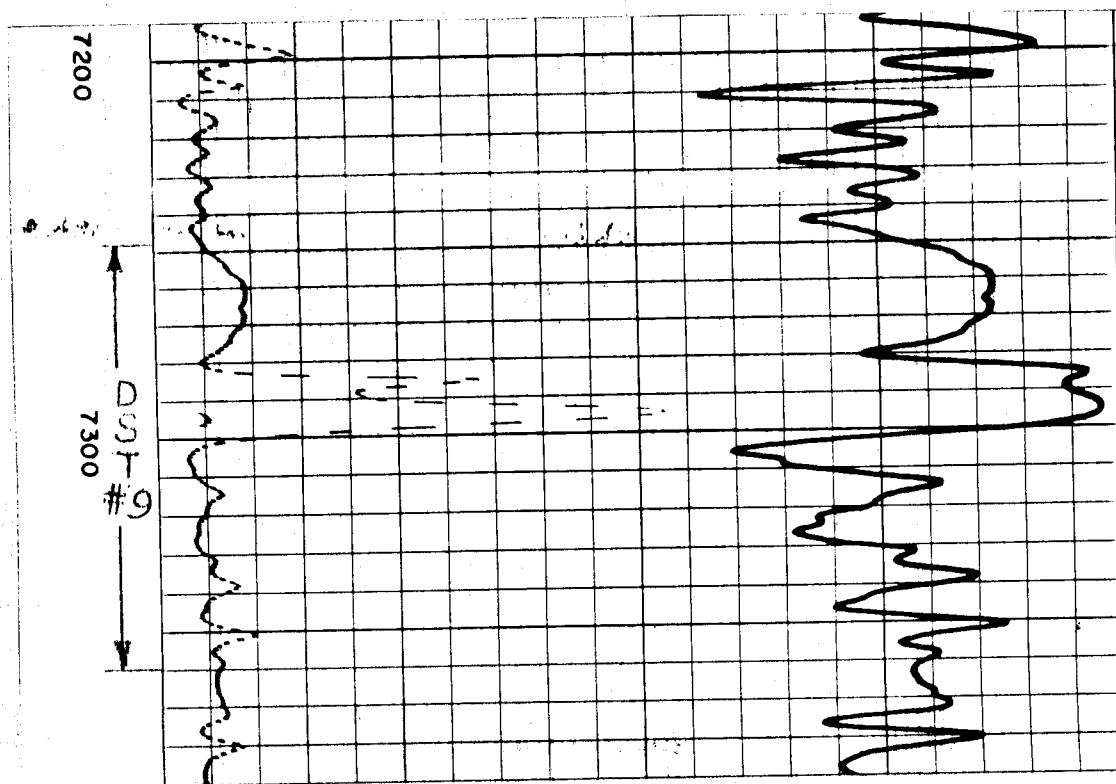
IFP 34

2nd. SIP 2170

FHP 3381

ISIP 3381

BHT 170°F

Sampler: 2500 cc gas cut mud, 12# pressure, 0 cu. ft. gas

DRILL STEM TESTSDST No. 10

Interval: 6245'-6263'

Top Packer @ 6245'

Top Choke: 1"

Drill Collar I.D.: 2 $\frac{1}{4}$ "

Wt. on Packers: Inflatable

Packer Size: 7"

Formation: Wasatch

Type Test: Straddle Test

Bottom Packer @ 6263'

Bottom Choke: 1"

Drill Pipe: 4 $\frac{1}{2}$ "Tester: I.B. Webb
Lynes, Inc.

Pre-flow: 15 min.

Final flow: 90 min.

ISI: 60 min.

FSI: 195 min.

Blow Characteristics: Tool opened with a weak blow, reopened with a very weak blow and remained steady throughoutRecovery: 96' of drilling mud, no gas

IHP 2899

2nd. FP 34

FSIP 2517

IFP 17

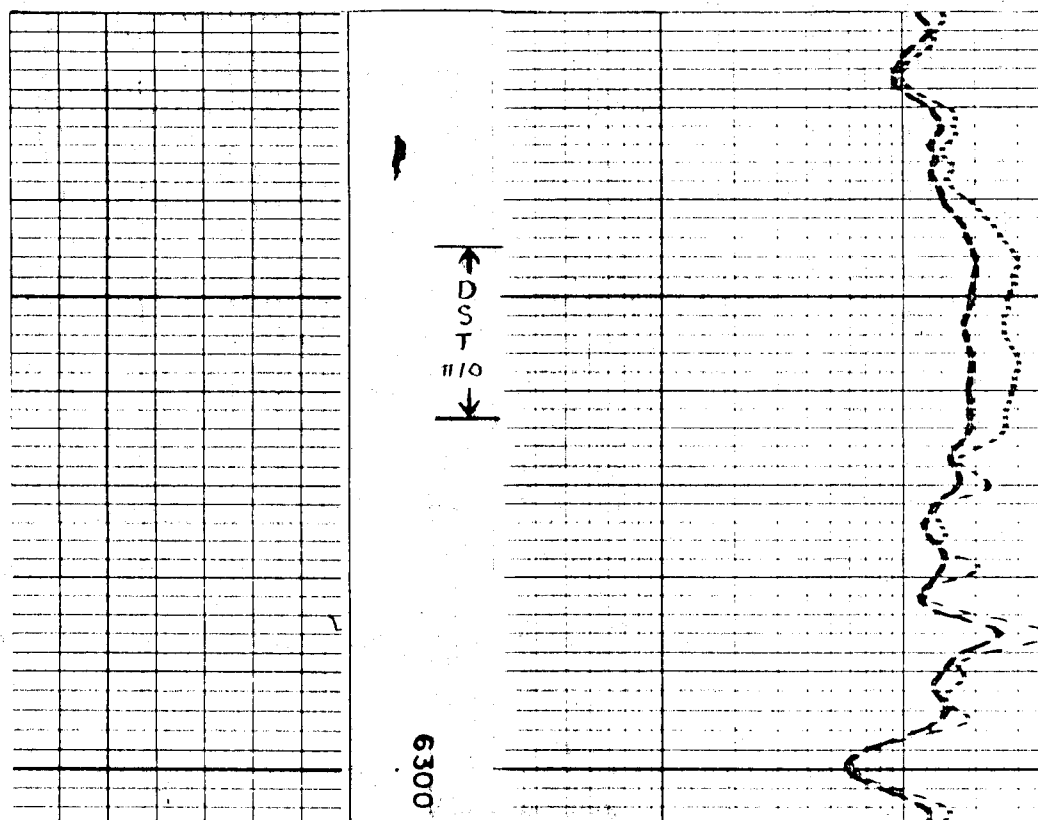
2nd. SIP 2517

FHP 2899

ISIP 2517

FFP 34

BHT 134°F

Sampler: 2500 cc drilling mud, 4 psi, no gas

DRILL STEM TESTSDST No. 12Formation: CastlegateInterval: 9684'-9912'Type Test: Straddle Test

Top Packer @ 9684'

Bottom Packer @ 9912'

Top Choke: 1/2" - 1/8"

Bottom Choke: 1"

Drill Collar I.D.: 2 1/2"

Drill Pipe: 4 1/2"

Wt. on Packers: Inflatable

Tester: I.B. Webb
Lynes, Inc.

Packer Size: 7"

Pre-flow: 15 min.

Final flow: 120 min.

ISI: 60 min.

FSI: 120 min.

Blow Characteristics: Tool opened with strong blow, gas to surface in 6 minutes. Flow peaked after 12 minutes with 6# on 1/2" choke gauged 86.3 MCF. Blow gradually decreased to 2# on 1/8" choke at end of test, gauged 3.92 MCF

Recovery: 545' drilling mud, 90' slightly gas cut mud, 635 total recovery

IHP 4701

FSIP 1659

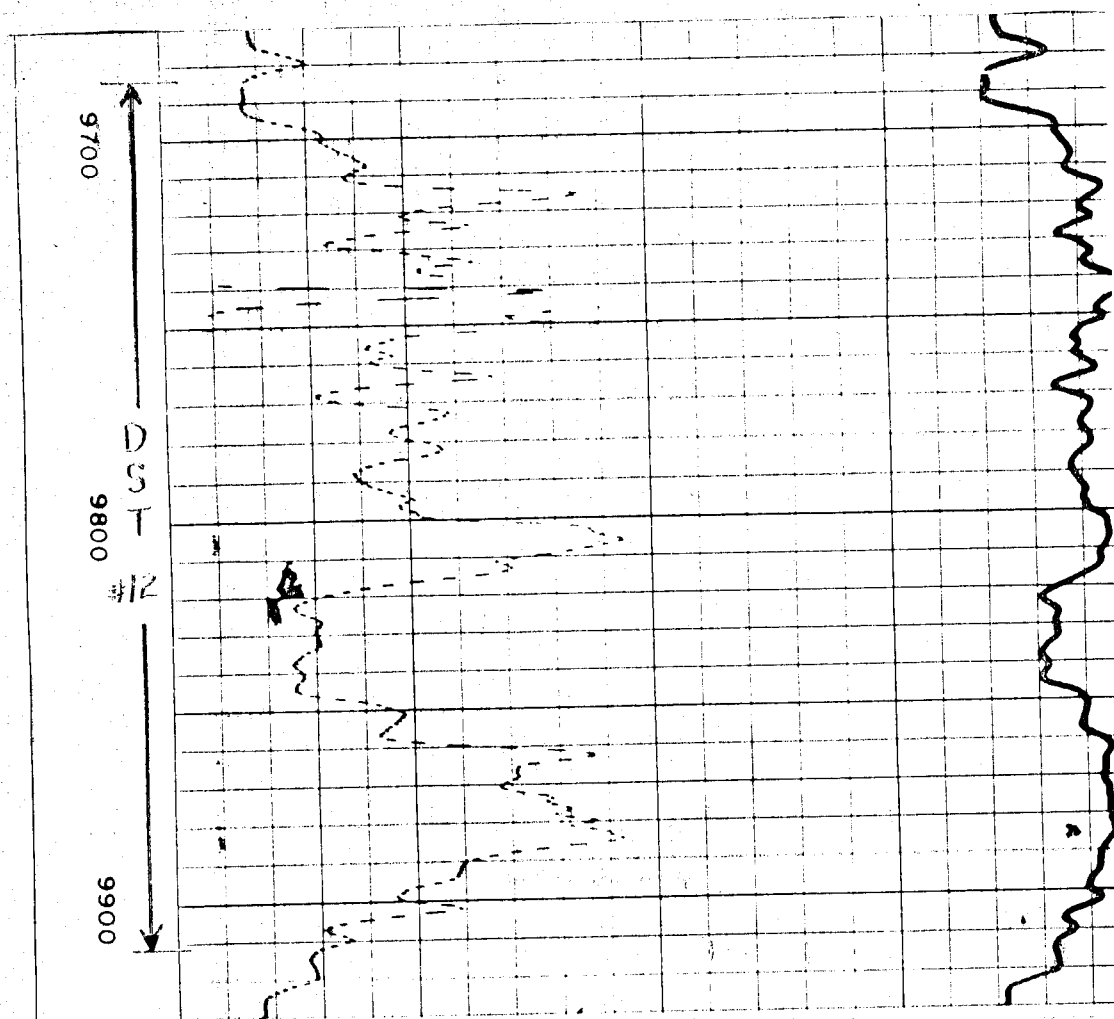
IFP 524

FHP 4695

ISIP 1560

FFP 624

BHT 182°F

Sampler: 1800 cc mud, 18 psi, 0 cu. ft. gas

DAILY MUD TREATMENT

Date	Gel	Drill Aid 421	Lime	Chip Seal	Fiber	Nut Plug	Drill Aid 425	Caus- tic	Daily Cost	Cumulative Cost
5-12	64	8	2						260.48	260.48
5-13		6							72.45	489.77
5-14	14	6							107.28	597.05
5-15	211	3		127	121	33			2245.10	3,108.48
5-16	224			131	118	15			2157.76	5,054.42
5-17	22	6							141.04	5,195.47
5-18	42	6							202.99	5,398.46
5-19	39	8							216.97	5,615.43
5-21	44	9	1				2		193.83	5,809.26
5-22	65	9							356.55	6,165.81
5-23	18	9					2		307.31	6,473.12
5-24	101	6			12		2	2	273.72	6,805.40
5-25	43	8			16		4	1	581.97	7,467.37
5-26	10	8		3	5	3	2		548.90	8,016.27
5-27	69	3		17	4		2		277.92	8,294.29
5-28	35	8					3	3	582.27	8,931.18
5-29	55	3		5	1		3	2	396.37	9,327.55
									419.13	9,746.68

Displace with Inverted Oil Faze Mud

Date	Oil Faze	CaCl ₂	SE 11	Bar	Lime	DG55	Mica	DV33	Daily Cost	Cumulative Cost
5-31	414	24	6						6951.82	16,881.50
6- 2	130	23	2						2342.73	19,304.23
6- 3	150	10	2						2559.77	21,864.00
6- 4				10					34.75	21,898.75
6- 5		5							50.40	21,949.15
6- 6			13						438.71	22,387.86
6- 7			15						506.20	22,947.06
6- 8		10	15		2				612.81	23,559.87
6- 9				19					67.71	23,627.58
6-10	10	10	15	10					795.14	24,422.72
6-11		10	15						604.21	25,026.93
6-12	35		2			8	5		730.16	25,757.09

DAILY MUD TREATMENT CONT'D.

Date	Oil Faze	CaCl ₂	SE 11	Bar	Lime	DG55	Mica	DV33	Daily Cost	Cumulative Cost
6-13	10	10	15		3				772.94	26,530.03
6-14				10					35.80	26,565.83
6-15	30	10	20		5				1261.85	27,827.68
6-16			15						506.20	28,333.88
6-18	40	10	20						1404.45	29,738.33
6-19				10	12				70.81	29,809.14
6-20				10					35.60	29,897.94
6-22	35	10			10			10	1017.60	30,915.54
6-23	22	8			8			25	1293.43	32,208.97
6-24				10			10		104.35	32,303.32
6-25	20					3		5	513.74	32,817.06
6-26								10	337.40	33,154.46
6-28								20	674.98	33,829.36
7- 1	30	10			4			20	1258.52	35,087.58
7- 2	10							10	494.65	35,582.23
7- 4	30	10	15		10		8		1161.54	36,743.77
7- 5	15	10			10				364.70	37,108.47
7- 6	65	20			10		20	5	1538.40	38,646.87
7- 7	20		22		8			28	2024.19	40,671.06
7- 8								20	674.90	41,345.96
7- 9			13				10		497.82	41,843.78
7-10	35	10	20		10		10		1413.10	43,256.88
7-11							10		58.10	43,314.98
7-14	6						10		152.69	43,467.67

Additional treatment may have been added after release of Wellsite
Geologist on July 16, 1972

Theodore W. Lindgren

DRILLING MUD REGAP

COMPANY CHORNEY OIL COMPANY

WELL NAME S. Red Wash-Fed.1-23 FIELD Wildcat

LEGAL DESCRIPTION SW SW Sec.23-T8S-R23E SLM STATE Utah

COUNTY Uintah

DATE	DEPTH	WEIGHT PPG	VISCOSITY			YIELD POINT Lb/100 sq ft	GELS 0/10 min	pH	API Filtrate ml	PI ml	Chlorides 1000 ppm	Calcium ppm	Sulfates ppm	SAND % by volume	SOLIDS % by volume	OIL % by volume	WATER % by volume	HTHP 500 psi °F	LCM %	M.F.	Remarks Number	
			Funnel API sec	Apparent cp	Plastic cp																	
5/7	Rig up Signal Drilling Company Rig #14 National 5.5 Drawworks 2 Wankesha LAZBU M																					rs
5-12	1381	8.9	29		5	4	1/2	9.0	15.0	0.1	300	Nil			5					0.7		
5-12	1503	9.1	30		6	5	1/2	9.0	16.4	0.1	300	Nil		tr	7							
5-12	1673	9.1	35																	0.6		
5-13	1987	8.7	29		2	1	1/1	7.5	40.0	0.1	250	200		tr	4					0.4		
5-14	2508	8.7	29		3	2	0/1	8.0	24.0	0.1	150	200		tr	4							
5-14	2508	8.7	35												5					30		
5-14	2508	8.7	39																	40		
5-14	2508	8.7	44																	40	(1)	
5-14	2513	8.7	40																	40		
5-14	2532	8.7	45																	40		
5-15	2684	8.7	32		8	6	1/4	7.5	14.0	Nil	250	500		1/4	5					30	-	
5-16	2925	8.8	34		10	8	3/5	8.5	15.1	0.1	250	300		1/4	6					20	0.5	
5-17	3185	8.8	32		9	6	1/2	8.0	12.8	0.1	150	300		1/4	6					5	0.6	
5-18		8.7	30		5	4	1/1	8.0	15.0	0.1	300	300		tr	5					-	0.7	
5-19		8.7	32		8	5	2/5	8.5	20.0	-	200	300		tr	4					-	-	
5-20		8.7	30		5	4	1/3	8.0	22.0	0.1	300	300		tr	5					-	0.7	
5-21	4381	8.8	31		6	5	1/1	9.0	12.8	0.1	150	200		tr	6					-	0.6	
5-22	4674	9.0	34		10	6	1/7	8.0	15.0	0.1	250	200		1/4	7					-	0.5	
5-23	4880	8.9	32		7	5	1/2	8.0	8.4	-	150	200		-	7					-	-	
5-23	4890	8.8	60																	35	(2)	
5-24	4890	8.7	60																	40		
5-24	4903	8.8	45		22	18	1/5	10.0	7.0	0.2	200	300		tr	6					30		
5-25	5039	9.0	33		9	6	1/2	9.5	7.0	-	200	300		1/4	6					5		
5-26	5115	9.0	32		8	6	1/2	9.0	6.8		150	200		1/4	8							
5-27	5203	9.0	34		10	6	1/2	9.5	7.6		200	200		tr	8					3		
5-28	5278	9.0	60		35	28	4/9	10.0	7.0	0.1	150	200		tr	9					tr	(3)	
5-28	5278	9.0	45		22	16	3/7	10.0	7.4	0.1	150	200		1/4	9					tr		
5-29	5278	8.9	59		27	15	2/5	9.5	6.8	0.1	150	200		tr	8					5		
5-29	5278	9.0	54		23	12	1/4	9.5	7.0	0.1	150	200		tr	8					5	(4)	

MARKS: (1) Lost Returns (2) Lost Returns (3) Circulate for Logs (4) Run 9 5/8" casing to 5278

Theodore W. Lindgren

DRILLING MUD RECAP

COMPANY CHORNEY OIL COMPANY

WELL NAME S. Red Wash-Fed.1-23 FIELD Wildcat

LEGAL DESCRIPTION SW SW Sec.23-T8S-R23E SLM

STATE Utah

COUNTY Uintah

DATE	DEPTH	WEIGHT PPG	VISCOSITY Funnel API sec	TY Apparent cp	Plastic cp	YIELD POINT lb/100 sec	GELS 0/10 min	pH	API Filtrate ml	Pf ml	Chlorides X 1000 ppm	Calcium #7 bbl ppm	Sulfates ppm	SAND % by volume	SOLIDS % by volume	OIL % by volume	WATER % by volume	HTHP 500 psi 200°F	Stab Volts	Act Mud	Rem. Number
5-31	5278	Displace low solids																			
6-1	5278	7.6	45	34	17	14	3/5			.5	40	15.1			4	92	4	8.0	280	.75	
6-1	5278	7.8	55	56	28	16	6/12			.6	50	16.4			5	89	6	10.0	240	.80	
6-2	5550	7.6	55	54	27	18	6/10			.5	30	8.2			6	89	5	6.0	140	.70	
6-3	5873	7.7	46	42	26	14	4/6			.5	30	8.2			6	88	6	7.0	160	.75	
6-4	6045	7.9	55	50	25	20	4/6			.7	20	6.8			7	87	6	6.0	180	.75	
6	6380	8.0	47	50	25	18	4/7			.5	30	7.4			7	87	6	7.0	160	.70	
6-6	6590	8.0	47	44	22	16	3/5			.5	30	6.5			8	86	6	7.0	140	.70	
6-7	6815	8.1	44	42	26	16	3/5			.5	25	5.5			8	85	7	8.0	140	.75	
6-8	7005	8.1	45	30	15	12	3/4			.6	25	6.5			7	88	5	6.0	140	.70	
6-9	7077	8.1	45	20	14	12	5/6			.6	25	5.5			7	87	6	6.0	130	.70	
6-10	7197	8.1	45	13	9	8	3/4			.7	25	5.5			6	88	6	6.0	140	.75	
6-11	7287	8.2	44	14	12	8	3/5			.6	27	6.5			7	87	6	6.3	150	.80	
6-12	7454	8.2	45	37	15	7	2/4			.5	25	6.5			7	87	6	6.0	150	.60	
6-13	7624	8.3	42	37	17	12	3/5			.4	30	6.5			7	86	7	5.0	180	.80	
6-14	7655	8.4	40	36	18	14	2/3			.3	35	6.5			8	87	5	6.0	180	.70	
6-15	7840	8.4	40	26	13	11	3/4			.3	35	6.2			8	86	6	6.0	180	.70	
6-16	7904	8.4	42	30	15	12	3/4			.6	30	6.3			8	87	5	6.0	200	.70	
6-17	8010	8.4	40	36	18	14	3/4			.6	30	5.4			8	86	6	7.0	200	.75	
6-18	8120	8.4	41	30	15	12	3/5			.6	25	6.0			8	87	5	6.0	170	.72	
6-19	8278	8.4	40	30	14	12	2/3			.5	25	5.4			6	89	5	5.0	190	.70	
6-20	8360	8.4	40	34	17	14	3/4			.5	28	7.6			6	89	5	6.0	180	.70	
6-21	8478	8.4	40	30	15	12	3/4			.5	23	6.3			5	90	5	6.0	200	.70	
6-22	8664	8.8	39	34	17	12	3/5			.6	27	7.3			5	90	5	6.0	240	.72	
6-23	8735	8.8	40	32	16	14	3/5			.8	30	7.2			5	90	5	5.0	240	.72	
6-24	8900	8.9	40	36	18	12	3/5			.7	30	8.2			5	90	5	6.0	250	.70	
6-25	8985	9.0	39	32	16	14	2/3			.6	28	7.6			6	89	5	6.0	250	.70	
6-26	9098	9.0	39	32	16	14	2/4			.8	29	9.8			5	90	5	7.0	200	.80	
6-27	9126	9.0	40	36	18	14	4/5			.8	23	6.3			5	90	5	6.0	200	.74	
6-28	9171	8.9	40	34	17	14	3/4			.8	20	5.4			6	90	4	5.0	250	.70	

REMARKS:

DRILLING MUD RECAP

WELL NAME S. Red Wash-Fed.1-23 FIELD Wildcat

LEGAL DESCRIPTION SW SW Sec.23-T8S-R23E SLM STATE Utah COUNTY Uintah

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REMARKS:

BIT RECORD

COUNTY Uintah	FIELD Wildcat	STATE Utah	SECTION 23	TOWNSHIP 8S	RANGE 23E	SPUD 5-7-72	US 5-10-72	UNDER INTER 5-31-72	SET SAND STRING
CONTRACTOR Signal Drilling Co	RIG NO. 14	LEASE So. Red Wash Fed.	WELL NO. 1-23	COMPANY Chorney Oil Co	TOOL PUSHER Glynn Mayson				
MAKER National	RIG TYPE 55	RIG POWER 2 WAK LRZBU	PUMP POWER Compound	BOILERS - NO.	RATED HP	PUMP NO. 1 K-700	PUMP NO. 2 C-250		
DRILL PIPE 4 1/2"	TOOL JOINT TYPE 4 1/2" IF	DRILL COLLARS	O.D. 6" X 2 1/2" X 30'	I.D.	LENGTH	MUD TYPE Chem-Gel & Oil Faze	SALESMAN		

RUN NO.	SIZE	MAKE	TYPE	JET SIZE	SEF. AL	DEPTH OUT	FEET	HOURS	FEET PER HOUR	WEIGHT 1000 POUNDS	R.P.M.	VERTICAL DEV.	PUMP PRESSURE	PUMP OPERATION	NO. 1		NO. 2		MUD		DULL		REMARKS
															SPM	LINER	SPM	LINER	WT	VIS	T	B	
1	12 1/4	Smith	DTJ	13 13		1340	1035	26 3/4		50	120	3/4	1150		60	6 1/2					31		
2	✓	HTC	OSCIGJ	13 13		2290	950	32 1/2		50	100	3/4	1050		60	✓					78		
3	✓	Sec	S4TJ	14 13		2533	243	14 1/2		40/50	80/100	0	1000		52	✓					66		30% LCM
4	✓	HTC	OWVJ	✓		2848	315	24		55/60	60	2	✓		✓	✓					55		
5	✓	Reed	YSIJ	14 14		3128	280	19		60/65	✓	2	✓		✓	✓					55		
6	✓	Smith	4JSJ	✓		4881	1753	14 1/4		✓	✓	1 1/2	✓		50	✓					12		
7	✓	Sec	MANGJ	✓		4968	87	13		✓	✓		✓		✓	✓							
8	✓	Sec	S4TGJ	16 16		5044	76	13 1/2		✓	✓		✓		✓	✓					74		
9	✓	Smith	T2J	15 15		5130	86	21 1/2		✓	✓		✓		✓	✓							
10	✓	HTC	WD7J	✓		5237	137	25 1/2		✓	✓		✓		✓	✓					82		
11	✓	HTC	ODVJ	✓		5280	43	7 1/2		✓	✓		✓		✓	✓					22		Run 9 5/8" casing
12	7 3/8	Sec	MANJ	14 14		5452	172	17		50	75	3/4	600		70	5 1/2					66		
13	✓	Sec	S86J	11 11		5931	479	36 1/4		50	58		1250		64	✓					77		
14	✓	Sec	MANGJ	10 11		6422	491	29 1/2		45	60		1150		52	✓					56		
15	✓	HTC	J44J	✓		7005	583	58 1/2		40	48	1 3/4	1400		60	✓					44		Lost 1 Cone - Crack
16	✓	Sec	MANGJ	✓		7176	171	20		✓	✓		1300		60	✓					55		
17	✓	Smith	4JSJ	10 10		7624	448	51 1/4		✓	✓	3	1300		72	✓					58		
18	✓	Smith	4JSJ	✓		7902	278	34		✓	✓		1700		✓	✓					28		
19	✓	Sec	MANGJ	10 11		8115	213	29 1/4		45	✓		✓		✓	✓					75		
20	✓	Smith	V2HJ	✓		8278	163	21 1/2		45	60		✓		✓	✓					74		
21	✓	Sec	M4LGJ	✓		8360	82	17		45	60		✓		✓	✓					74		
22	✓	HTC	J44J	✓		8735	375	56 1/4		40/45	48	3	✓		✓	✓					78		
23	✓	Reed	SCM5J	✓		8941	206	27 3/4		40/45	44		1600		✓	✓					75		

PRINTED IN U S A

SHEET _____ OF _____

PUN NO	SIZE	MAKE	TYPE	JET SIZE	SERIAL	DEPTH OUT	FEET	HOURS	FEET PER HOUR	WEIGHT 1000 POUNDS	R P M	VERTICAL DEV	PUMP PRESSURE	PUMP OPER- ATION	NO. 1		NO. 2		M U D		DULL		REMARKS	
															SPM	LINER	SPM	LINER	WT	VIS	T	B		
24	7 1/2	Smith	5JSJ	10 10"		9098	157	32		45	44		1500			56	5 1/2						88	Lost 3 cones
25	✓	Reed	FVJJ	11 10"		9139	41	11 1/2		50	48		1400			56	5 1/2						55	
26	✓	Reed	FCH5J	✓		9335	196	45 1/2		✓	44		✓			56	5 1/2						22	
27	✓	Reed	FCH5J	✓		9559	224	52 1/4		✓	✓		✓			56	5 1/2						43	
28	✓	Reed	SCM5J	10 11"		9600	43	9 1/4		✓	✓		✓			56	5 1/2							Lost Nozzle
29	✓	Reed	FCH5J	11 10"		9775	175	48 1/2		✓	✓		✓			56	5 1/2						65	
30	✓	Reed	FCM5J	✓		9887	112	31		45/50	✓		1100/1400			56	5 1/2						85	
31	✓	Reed	FCHJ	✓		9916	29	13		45	48	2 1/4	1550			62	5 1/2						11	
32	✓	Sec	S88J	✓		10100	184	39 1/4		✓	✓	4 1/4	1600			60	5 1/2						28	-20' SLM Corr.
33	✓	HTC	J33J	✓		10297	197	55		✓	✓		✓			60	5 1/2						22	Pulled to log

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SAMPLE DESCRIPTION

[Depths Not Corrected for Lag]

<u>From</u>	<u>To</u>	<u>Feet</u>	<u>Description</u>
			Samples start @ 305', 10 foot samples
305	410	105	Shale red, brown, ochre, waxy to silty, soft, variegated, with white very fine grained Sandstone
410	450	40	Shale as above, decrease in Sandstone
450	500	50	Sandstone white, tan & green, S & P, unconsolidated, very fine to coarse grained, angular, very poorly sorted, arkosic
500	610	110	Sandstone as above with red and green waxy to silty Shale
610	700	90	Sandstone as above, conglomeratic Shale mainly green, silty to waxy, soft
700	800	100	Shale green to gray-green, silty to waxy with Sandstone fine to very fine grained, white to light green, heavily clay filled, tight, no show, some loose quartz
800	840	40	Sandstone fine to very coarse grained, conglomeratic, angular to well rounded, unconsolidated
840	850	10	Sandstone as above with gray and green Shale
850	890	40	As above, Sandstone becoming fine to very fine grained, calcareous, heavily clay filled, tight, no show
890	910	20	Sandstone as above with Shale green, gray to grayish-brown, waxy to silty, soft
910	930	20	Shale as above
930	950	20	Shale varicolored as above with Sandstone as above
950	980	30	Sandstone fine to very coarse grained, conglomeratic, angular, arkosic, unconsolidated
980	1000	20	Sandstone as above with green Shale
1000	1040	40	Sandstone white to light gray, fine to very fine grained, silty, clay filled, tight, no show with green and gray-green Shale
1040	1070	30	As above with small amount of varicolored Shale

SAMPLE DESCRIPTION CONT'D.

1070	1110	40	Sandstone as above, Shale green and red
1110	1150	40	Shale red, green, gray, brown, variegated, waxy, with a small amount of white Marlstone
1150	1160	10	Sandstone white, very fine grained, very silty, calcareous, angular, poor to fair sorting, tight, no show
1160	1180	20	Sandstone as above with varicolored Shale as above, mainly red, very calcareous
1180	1200	20	Sandstone as above, decrease in Shale
1200	1220	20	Sandstone as above with varicolored Shale
1220	1240	20	Sandstone white, very fine to coarse grained, angular to sub-angular, calcareous, friable, poorly sorted, arkosic, with varicolored Shale
1240	1360	120	Shale red, silty to waxy, calcareous, soft, with small amount of dirty Sandstone and some green Shale
1360	1380	20	Shale gray-green, green, red, as above with Sandstone fine to medium grained angular, white, friable
1380	1500	120	Shale as above, decrease in Sandstone
1500	1550	50	Shale mainly brown, silty, very calcareous, grading to Marlstone in part
1550	1640	90	Shale and Marlstone brown as above with some varicolored Shale
1640	1670	30	Shale as above with Sandstone white, very fine grained, very silty, very calcareous, tight, no show
1670	1710	40	Sandstone white, very fine to medium grained, angular, calcareous, fair sorting, very friable, no show
1710	1810	100	Shale varicolored, waxy to silty, soft, with a trace of very fine grained, silty, Sandstone
1810	1880	70	Shale and Sandstone as above, more calcareous with gray Marlstone
1880	1900	20	Marlstone gray, sandy, soft with small amount of white Sandstone and varicolored Shale
1900	1980	80	Marlstone as above with varicolored Shale
1980	2010	30	No samples, shale shaker bypassed

SAMPLE DESCRIPTION CONT'D.

2010	2030	20	Shale red, green, gray, brown, variegated, waxy, soft, with small amount of gray Marlstone
2030	2050	20	Sandstone white, fine to very fine grained, angular to sub-angular, slightly S & P, arkosic, silty, calcareous, tight, no show
2050	2070	20	Sandstone as above with gray and brown Marlstone
2070	2090	20	Shale green, red, gray, brown, waxy, soft, calcareous, variegated, with a trace of Sandstone
2090	2110	20	Sandstone as above, no show
2110	2120	10	Sandstone as above with Marlstone (Oil Shale) brown, lithographic, soft, faint spotty yellow fluorescence, slow soak cut from Limestone
2120	2240	120	Sandstone as above, decrease in Limestone
2240	2280	40	Sandstone white, very fine to medium grained, angular to sub-angular, friable, calcareous, silty, with occasional piece of gilsonite, poor P & P
2280	2330	50	Marlstone brown, oil stained, faint fluorescence, good cut, with varicolored Shale
2330	2370	40	Marlstone as above, decrease in Shale
2370	2400	30	Marlstone as above with brown Siltstone
2400	2500	100	Marlstone as above
			Lost circulation @ 2508' -- poor samples
2500	2510	10	Marlstone as above with varicolored Shale
2510	2520	10	No returns
2520	2530	10	Shale, Marlstone, and white, tight, Sandstone
2530	2590	60	Mainly Marlstone as above, hard, brittle
2590	2600	10	No sample
2600	2620	20	Marlstone as above
2620	2630	10	No sample
2630	2860	230	Marlstone light to dark brown, faint spotty fluorescence, good cut, no P & P
2860	2900	40	Marlstone as above

SAMPLE DESCRIPTION CONT'D.

2900	2940	40	Marlstone becoming mainly light brown, softer, chalky
2940	3000	60	Marlstone as above, some pieces with pinpoint vugular porosity, good brown stain, bright yellow fluorescence, good cut
3000	3070	70	Marlstone as above, dull yellow spotty fluorescence, no porosity, slow cut
3070	3220	150	Marlstone tan, arenaceous, hard, brittle with Marlstone dark brown, hard, brittle, slow cut, no P & P, and Limestone tan, microcrystalline, sucrosic, uniform dull to bright yellow fluorescence, some pieces with spotty brown stain, spotty poor P & P, good cut
3220	3280	60	Marlstone and Limestone as above, somewhat more arenaceous, fluorescence and cut as above
3280	3300	20	As above, abundant pyrite and chalcoppyrite
3300	3340	40	Marlstone dark brown with some pieces of light brown arenaceous Limestone, dull yellow uniform fluorescence, fair streaming cut, tight
3340	3360	20	As above, some pieces with bright yellow fluorescence, good cut, tight
3360	3530	170	Marlstone dark brown with light brown Limestone, dull yellow fluorescence, fair cut
3530	3540	10	Marlstone as above, becoming somewhat shaly
3540	3550	10	No sample
3550	3790	240	Marlstone as above, somewhat shaly, darker brown, with scattered red and gray Shale
3790	3810	20	Shale gray, waxy, firm with light and dark Marlstone as above
3810	3840	30	Marlstone light and dark brown and light gray, spotty bright yellow fluorescence, good cut, no P & P
3840	3850	10	Marlstone as above with gray Shale as above
3850	3910	60	Shale gray, waxy, calcareous, firm with small amount of Marlstone as above
3910	3960	50	Shale gray, grading to gray Marlstone with brown and tan Marlstone

SAMPLE DESCRIPTION CONT'D.

3960	4000	40	Shale and Marlstone as above with a trace of Calcarenite and Ostracodal Limestone
4000	4030	30	Shale gray, calcareous, silty to sandy with Sandstone gray, very fine grained, highly calcareous, very silty, very tight, no show
4030	4050	20	As above, increase in Sandstone, decrease in Shale
4050	4060	10	As above, Sandstone grading to Siltstone with gray silty Shale
4060	4080	20	Marlstone medium to dark brown, hard, brittle, good fluorescence and cut, tight
4080	4100	20	Marlstone as above with Shale gray, silty to waxy, calcareous, firm
4100	4110	10	Shale as above with Sandstone gray, S & P, very fine grained, silty, argillaceous, calcareous, tight, no show
4110	4130	20	Shale as above
4130	4190	60	Marlstone as above
4190	4200	10	Marlstone as above with gray Shale
4200	4210	10	Marlstone as above
4210	4220	10	Marlstone as above with gray Shale
4220	4290	70	Shale gray, waxy to silty, firm
4290	4320	30	Shale as above with a small amount of Siltstone
4320	4330	10	Shale gray, waxy to silty, very calcareous with gray Siltstone and a trace of Ostracodal Limestone
4330	4350	20	Sandstone white to light gray, very fine grained, very silty, very calcareous, very tight, no show
4350	4360	10	Shale gray, waxy to silty, calcareous, firm
4360	4390	30	Marlstone light to dark brown, hard, silty in part, spotty yellow fluorescence, good cut
4390	4420	30	Mainly gray Shale as above with some white Sandstone as above and a trace of Marlstone
4420	4440	20	Shale as above, more calcareous, darker gray with dark brown Marlstone as above
4440	4450	10	Marlstone as above with Shale as above

SAMPLE DESCRIPTION CONT'D.

4450	4500	50	Shale medium gray to dark gray, highly calcareous, silty in part, firm to hard
4500	4530	30	Marlstone and Shale as above
4530	4540	10	Shale as above, very silty to sandy in part
4540	4570	30	Marlstone and Shale as above
4570	4580	10	Shale gray as above
4580	4600	20	Marlstone dark to medium brown, spotty yellow fluorescence, fair cut, no P & P, with a small amount of Shale as above
4600	4620	20	Shale and Marlstone as above with Ostracod Limestone, very tight
4620	4660	40	Marlstone light to dark brown, silty in part, spotty dull yellow fluorescence, fair cut, scattered pieces of Ostracod Limestone, good fluorescence and cut, tight
4660	4700	40	As above, increase in Ostracod Limestone
4700	4710	10	Shale medium to dark gray, waxy to silty, highly calcareous, with Marlstone as above
4710	4730	20	As above, increase in Marlstone with Ostracod Limestone
4730	4760	30	Limestone medium brown, mottled, crypto-crystalline, Ostracod fossil fragmental, bright spotty yellow fluorescence, good cut, tight, with dark brown Marlstone
4760	4770	10	As above with varicolored Shale
4770	4800	30	Shale green, red, gray, brown, waxy to occasionally silty, firm with a small amount of Limestone as above and Sandstone white, very fine grained, silty, argillaceous, calcareous, tight, no show
4800	4820	20	Shale with Limestone as above, no Sandstone
4820	4880	60	Shale varicolored as above
4880	4890	10	Shale as above with a trace of tight Sandstone
4890	4910	20	Shale varicolored with brown Marlstone (Poor sample -- lost circulation @ 4890')

SAMPLE DESCRIPTION CONT'D.

4910	4930	20	Shale red, green, gray, brown, with tan and brown Marlstone and a trace of white Sandstone, no show
4930	4940	10	Shale as above, increase in Sandstone white, fine to very fine grained, sub-angular to sub-rounded, calcareous, fair sorting, poor P & P, no show
4940	4950	10	Shale varicolored and variegated with a trace of Sandstone as above
4950	4970	20	Shale as above, increase in Sandstone as above
4970	4990	20	Shale as above
4990	5010	20	Shale as above with Sandstone white to light gray, very fine grained, very silty, very calcareous, very tight, no show and a trace of Limestone with scattered Ostracods
5010	5030	20	Sandstone white, very fine to medium grained, sub-angular to sub-rounded, friable, calcareous, fair to good P & P, no show
5030	5040	10	Sandstone as above with gray Shale
5040	5050	10	As above, Sandstone becoming very fine grained, silty to argillaceous in part, tight, no show
5050	5060	10	Shale varicolored and variegated, waxy, firm with small amount of Sandstone as above
5060	5070	10	Sandstone white very fine to medium grained, angular to sub-angular, calcareous, silty, tight, no show with some Shale as above
5070	5090	20	Shale as above with Sandstone as above with a trace of Ostracodal and oolitic Limestone
5090	5130	40	Shale varicolored as above with a small amount of brown Marlstone
5130	5140	10	Shale and Marlstone as above with Sandstone white, very fine grained, angular, calcareous, silty, tight, no show
5140	5170	30	Shale and Marlstone as above with a small amount of Sandstone as above
5170	5190	20	Shale as above with Sandstone white, fine to very fine grained, angular, calcareous, silty, argillaceous, very spotty light brown stain, fair yellow fluorescence, slow soak cut, tight, most pieces no show
5190	5200	10	Sandstone as above, white, tight, no show

SAMPLE DESCRIPTION CONT'D.

5200	5210	10	Shale varicolored, waxy, firm, with a trace of Sandstone
5210	5220	10	Shale as above, increase in Sandstone
5220	5240	20	Sandstone and Shale as above
5240	5280	40	Shale varicolored and variegated, silty to sandy, firm, mainly brick red
			Circulate @ 5280' to log and run 9 5/8" intermediate casing
			Drilled out with inverted oil mud
5280	5320	40	Cement and bentonite
5320	5360	40	Shale green, brown, red, gray, waxy, firm, variegated
5360	5370	10	No sample
5370	5380	10	Shale as above
5380	5400	20	Shale as above with Sandstone white, very fine grained, angular, calcareous, friable, no show
5400	5430	30	Shale varicolored and variegated as above
5430	5440	10	Shale as above with white to tan Sandstone as above
5440	5450	10	No sample
5450	5500	50	Shale yellow, brown, tan, gray, red, calcareous, variegated, silty to waxy, soft to firm
5500	5530	30	Shale as above with Sandstone yellow, very fine grained, angular, very silty, heavily clay filled, very tight, no apparent show
5530	5590	60	Sandstone as above, some pieces with fair P & P, fine to medium grained, S & P
5590	5660	70	Shale varicolored and variegated soft to firm, highly calcareous
5660	5710	50	Shale as above, silty to sandy in part
5710	5730	20	Shale as above with a trace of very dirty, dark brown Sandstone
5730	5790	60	Sandstone white to brown, S & P, very fine to medium grained, angular, calcareous, clay filled in part, very tight, no show
5790	5800	10	Sandstone as above, becoming finer grained, grading to Siltstone

SAMPLE DESCRIPTION CONT'D.

5800	5810	10	Sandstone and Siltstone as above with dark red Shale
5810	5880	70	Shale dark red, waxy to silty, highly calcareous, firm
5880	5900	20	Sandstone gray to tan very fine to fine grained, very silty, highly calcareous, clay filled, very poorly sorted, very tight, no show
5900	5920	20	Sandstone as above with Shale as above
5920	5940	20	As above with Sandstone white, highly S & P, fine to medium grained, angular to sub-angular, calcareous, spotty yellow fluorescence, fair streaming cut, very tight, possible show, no gas
5940	5950	10	Sandstone as above, friable with varicolored Shale
5950	5970	20	Shale red, gray, brown, waxy, variegated
5970	6040	70	Shale as above, very silty in part
6040	6050	10	Siltstone light gray to tan, very argillaceous
6050	6080	30	Siltstone as above with a trace of Shale and Sandstone as above
6080	6140	60	Shale red, gray, tan, brown, variegated, waxy to silty, highly calcareous, with Siltstone as above
6140	6180	40	Mainly Siltstone light gray to tan, sandy in part with some Sandstone tan very fine grained, argillaceous, calcareous, very silty, very tight, no show
6180	6200	20	Mainly Siltstone and Shale as above
6200	6210	10	Sandstone white to brown, fine to very fine grained, slightly S & P, very silty, clay filled, highly calcareous, very tight, no apparent show
6210	6230	20	Shale and Siltstone as above with some Sandstone as above
6230	6240	10	Shale gray, waxy to silty, firm
6240	6260	20	Shale as above with tan shaly Siltstone
6260	6280	20	Sandstone white to tan fine to very fine grained, angular to sub-rounded, S & P, silty in part, highly calcareous, tight to poor P & P, spotty yellow fluorescence, fair cut, possible show -- no gas
6280	6290	10	Sandstone as above, grading to Siltstone

SAMPLE DESCRIPTION CONT'D.

6290	6300	10	As above with gray waxy to silty Shale
6300	6350	50	Shale gray and brown, silty to waxy, firm, with gray and brown sandy to shaly Siltstone
6350	6590	240	Mainly Shale as above, blocky to fissile
6590	6600	10	Shale gray to brown, silty, blocky to fissile, with a trace of dirty, tight, white Sandstone
6600	6710	110	Shale as above with a small amount of light gray sandy to shaly Siltstone
6710	6750	40	As above, mainly dark gray blocky Shale, silty in part, highly calcareous
6750	6760	10	Marlstone medium brown, dense, hard
6760	6800	40	Shale tan, brown, gray, soft to firm, silty with tan Siltstone and gray sandy Siltstone
6800	6820	20	As above, increase in tan Siltstone
6820	6830	10	Marlstone dark brown, with dark gray Shale and a trace of tan Siltstone
6830	6850	20	Siltstone gray to tan, earthy, calcareous with gray to tan calcareous Shale
6850	6870	20	Sandstone tan, very fine grained, silty, angular, very argillaceous, calcareous, tight, no apparent show
6870	6880	10	Sandstone as above with brown Limestone and gray Shale
6880	6890	10	Sandstone as above, grading to tan Siltstone, no shows
6890	6910	20	Shale dark gray to brown, highly calcareous, very silty in part, firm
6910	6940	30	Shale as above with tan Siltstone
6940	6950	10	Marlstone grayish-brown, silty in part, firm
6950	6980	30	Siltstone tan, highly calcareous, earthy, with Shale gray to tan, highly calcareous, silty to siliceous in part, firm
6980	7020	40	Shale gray to tan, calcareous, silty in part, soft to firm
7020	7060	40	Shale gray, tan, yellow, brown, red, variegated, calcareous, waxy to silty, firm

SAMPLE DESCRIPTION CONT'D.

7060	7070	10	No sample
7070	7100	30	Shale as above, mainly gray and tan
7100	7140	40	Shale varicolored and variegated, silty, calcareous
7140	7150	10	Shale as above, mainly brown, waxy, non-calcareous
7150	7170	20	Shale varicolored and variegated, silty in part, calcareous, firm
7170	7180	10	No sample
7180	7210	30	Shale as above
7210	7260	50	Shale gray and tan firm, silty, calcareous with light gray to tan Siltstone
7260	7285	25	Sandstone white, S & P, very fine to medium grained, angular to sub-rounded, slightly calcareous, slightly clay filled, poorly sorted, very friable, spotty light brown stain, spotty bright yellow fluorescence, good streaming cut, poor P & P

Circulate @ 7285'

with 5 - 15 minute samples

		15 minutes	Sandstone as above
		30 minutes	Sandstone as above with a trace of dark gray Shale and Coal
		45 minutes	Coal
		60 minutes	Coal and black Shale
		75 minutes	Varicolored Shale and Sandstone as above
7280	7290	10	Shale and Sandstone -- cavings
7290	7300	10	Shale varicolored and variegated with Coal and black carbonaceous Shale
7300	7310	10	Shale medium brown and medium gray, waxy to silty, soft to firm
7310	7320	10	Shale as above with Siltstone tan, shaly to sandy, calcareous, firm
7320	7330	10	Siltstone tan to gray, as above
7330	7340	10	Shale gray and brown, soft, waxy to silty
7340	7350	10	Sandstone white to brown, fine to very fine grained, angular, quartzitic, spotty yellow fluorescence, good cut, very tight
7350	7360	10	Shale gray and brown, as above

SAMPLE DESCRIPTION CONT'D.

7360	7380	20	Shale as above with Sandstone white, S & P, fine to very fine grained, angular, calcareous, heavily clay filled, tight, fluorescence and cut as above
7380	7400	20	Sandstone as above with tan Siltstone, fluorescence and cut as above
7400	7420	20	Sandstone tan, very fine grained, silty, highly calcareous, heavily clay filled, very tight, with tan Siltstone and fluorescence and cut as above
7420	7430	10	Sandstone white to tan, S & P, fine to very fine grained, angular, calcareous, silty, clay filled, tight with spotty bright yellow fluorescence, good cut
7430	7440	10	Siltstone tan, firm, argillaceous
7440	7450	10	Shale gray to tan, blocky to fissile, with a trace of Coal
7450	7460	10	Siltstone gray to tan as above
7460	7480	20	Sandstone white to tan, S & P, fine to very fine grained, angular, calcareous, silty, clay filled, tight, fair fluorescence, good cut
7480	7520	40	Shale and Siltstone as above
7520	7530	10	Sandstone white, S & P, calcareous, clay filled, angular, poorly sorted, spotty bright yellow fluorescence, good cut, tight
7530	7550	20	Siltstone, tan, argillaceous, sandy, firm, with gray Shale and a trace of Sandstone as above
7550	7560	10	Sandstone tan, S & P, very fine grained, very silty, heavily clay filled, tight, some clusters with spotty yellow fluorescence, fair cut
7560	7570	10	Siltstone tan, clay filled with soft tan Shale
7570	7600	30	Shale as above, gray and tan
7600	7620	20	Sandstone white to tan, medium to very fine grained, angular to sub-angular, S & P, calcareous, heavily clay filled, spotty bright yellow fluorescence, good cut, tight
			DST #2 @ 7624'
7620	7630	10	No sample
7630	7660	30	Sandstone as above with gray to tan Siltstone and dark gray blocky Shale

SAMPLE DESCRIPTION CONT'D.

7660	7670	10	Sandstone white, medium to very fine grained, angular, S & P, very friable, slightly calcareous, clay filled, spotty brown stain, spotty bright yellow fluorescence, good cut, poor P & P
7670	7690	20	Sandstone as above only much less friable with brown Siltstone
7690	7700	10	Decrease in Sandstone, Shale dark gray to grayish-brown, blocky, silty, hard
7700	7720	20	Shale as above, with friable Sandstone as above, fluorescence and cut as above
7720	7760	40	Shale dark brown to gray, silty, blocky, firm to hard, fissile in part
7760	7770	10	Sandstone tan, S & P, very fine grained, silty, calcareous, clay filled, tight, spotty yellow fluorescence, good cut
7770	7780	10	Shale as above
7780	7790	10	Siltstone tan, sandy to shaly with a small amount of Sandstone as above
7790	7810	20	Shale as above, carbonaceous
7810	7820	10	Sandstone white, S & P, fine to very fine grained, angular, calcareous, clay filled, spotty fluorescence and cut, poor P & P
7820	7840	20	Sandstone as above, tighter, harder
7840	7850	10	Shale brown to gray, waxy to silty, fissile in part, carbonaceous, firm
7850	7870	20	Sandstone as above, very tight
7870	7900	30	Shale as above
Circulate @ 7902'			with 4 -- 15 minute samples
15 minutes			Shale as above
30 minutes			Shale as above
45 minutes			Sandstone tan, S & P, very fine grained, heavily clay filled, highly calcareous, silty, firm, spotty fluorescence and cut, very tight
60 minutes			Sandstone as above
7900	7910	10	Shale varicolored with Sandstone and Coal -- cavings
7910	7930	20	Sandstone as above with gray and brown Shale

SAMPLE DESCRIPTION CONT'D.

7930	7940	10	Sandstone white, very fine grained, angular, S & P, silty, highly calcareous, clay filled, tight, spotty yellow fluorescence, good cut
7940	7950	10	Sandstone as above, some clusters medium to very fine grained
7950	7960	10	Shale gray, fissile, silty in part with some tan very silty Shale
7960	7970	10	Siltstone tan, sandy, heavily clay filled, firm with small amount of Shale and Sandstone
7970	7980	10	Shale and Siltstone as above with dirty tan Sandstone
7980	8000	20	Shale as above, very silty in part to earthy, with a trace of dirty Sandstone
8000	8030	30	Shale as above, increasingly silty with some tan sandy Siltstone
8030	8040	10	Shale tan, gray, black, silty, carbonaceous, firm, fissile, with a trace of Coal
8040	8050	10	Shale as above, with Sandstone tan, S & P, fine to very fine grained, angular, dirty, heavily clay filled, calcareous, spotty fluorescence and cut, tight
8050	8060	10	No sample
8060	8080	20	Sandstone as above, friable in part
8080	8090	10	Shale gray, brown, black, silty to fissile, carbonaceous, firm, earthy
8090	8100	10	No sample
8100	8120	20	Shale as above with tan sandy Siltstone and a trace of dirty Sandstone
8120	8130	10	Shale varicolored, waxy, with Siltstone and Sandstone as above
8130	8140	10	As above, increase in Sandstone
8140	8160	20	Sandstone white, S & P, fine to very fine grained, angular to sub-angular, highly calcareous, clay filled, poorly sorted, spotty yellow fluorescence, fair cut, very tight, hard
8160	8170	10	Shale dark brown, highly carbonaceous with Sandstone as above

SAMPLE DESCRIPTION CONT'D.

8170	8200	30	Shale grayish-brown, silty, blocky, earthy, grading to sandy Siltstone
8200	8210	10	Siltstone grayish-tan, clay filled, sandy, firm
8210	8220	10	Siltstone as above with Shale as above
8220	8240	20	Siltstone and Shale as above with Sandstone white, S & P, fine to very fine grained, angular, very calcareous, clay filled, silty, very tight, spotty fluorescence and cut
8240	8270	30	Sandstone as above
8270	8290	20	Siltstone brown, sandy, argillaceous, hard, with Sandstone as above
8290	8310	20	Sandstone tan, S & P, medium to very fine grained, silty, heavily clay filled, angular, poorly sorted, calcareous, tight, spotty yellow fluorescence, good cut
8310	8330	20	Siltstone brown, sandy, argillaceous, with Sandstone as above
8330	8340	10	Sandstone as above
8340	8360	20	Siltstone as above with Sandstone as above, quartzitic
8360	8370	10	As above, increase in Sandstone
8370	8380	10	Sandstone white, S & P, very fine grained, calcareous, clay filled, quartzitic in part, very silty in part, hard, spotty yellow fluorescence, good cut, tight
8280	8390	10	Siltstone brown, argillaceous, sandy, hard, with Sandstone as above
8390	8410	20	Sandstone as above
8410	8440	30	Siltstone and Sandstone as above
8440	8460	20	As above, mainly Sandstone white, S & P, fine to very fine grained, angular to sub-angular, heavily clay filled, calcareous, poorly sorted, hard, tight, spotty yellow fluorescence, good cut
8460	8500	40	Sandstone as above, more silty
8500	8510	10	Shale brown to gray, silty, carbonaceous, firm with tan sandy Siltstone

SAMPLE DESCRIPTION CONT'D.

8510	8520	10	Sandstone white, S & P, fine to very fine grained, angular, calcareous, clay filled, friable in part, tight, spotty yellow fluorescence, good cut
8520	8530	10	Shale and Siltstone as above
8530	8540	10	Sandstone as above, mainly very fine grained, with Shale and Siltstone as above
8540	8560	20	Sandstone as above, heavily clay filled
8560	8570	10	Shale dark brown, silty, highly carbonaceous, silty, scattered Coal veinlets with some friable Sandstone as above
8570	8580	10	Sandstone white, fine to very fine grained, S & P, angular, heavily clay filled, highly calcareous, very tight, with spotty yellow fluorescence, good cut
8580	8630	50	Sandstone as above with tan Siltstone and Shale as above
8630	8640	10	Mainly Siltstone tan, argillaceous, sandy, firm
8640	8650	10	No sample
8650	8680	30	Siltstone with Shale and Sandstone as above
8680	8690	10	Sandstone tan, S & P, very fine grained, angular, calcareous, clay filled, firm to hard, fair sorting, spotty yellow fluorescence, good cut, tight
8690	8710	20	Shale gray to tan, fissile to earthy, carbonaceous in part, silty, firm to hard
8710	8720	10	Siltstone brown to gray, sandy, shaly, firm
8720	8740	20	Siltstone as above with small amount of Sandstone and brown carbonaceous Shale
8740	8750	10	Siltstone, Sandstone, and Shale as above with a trace of Coal
8750	8760	10	Siltstone as above
8760	8800	40	Shale dark brown to gray, carbonaceous in part, silty, earthy, firm
8800	8810	10	Siltstone brown to gray, argillaceous, sandy with Shale as above and a trace of Sandstone
8810	8840	30	As above with a trace of Coal

SAMPLE DESCRIPTION CONT'D.

8849	8860	20	Siltstone as above, somewhat more sandy with a
8849	8860	20	Siltstone as above, somewhat more sandy with a small amount of very fine grained silty Sandstone
8860	8870	10	As above with a trace of Coal
8870	8890	20	Shale tan to gray, carbonaceous, silty, earthy, firm
8890	8900	10	Shale as above with Siltstone, silty Sandstone, and Coal
8900	8920	20	Shale as above with brown argillaceous Siltstone
8920	8930	10	Coal-lignite with highly carbonaceous Shale
8930	8940	10	Siltstone brown to tan, sandy, clay filled, firm, with Shale, Sandstone, and Coal
8940	8950	10	Mainly Shale as above
8950	8970	20	Sandstone white, S & P, very fine grained, silty, calcareous, siliceous, very tight, spotty yellow fluorescence and cut
8970	8980	10	Shale dark grayish-brown, silty, carbonaceous, firm with Siltstone dark grayish-brown, argillaceous, sandy, hard
8980	8990	10	Siltstone as above with Sandstone white to tan, S & P, very fine grained, very silty, calcareous, clay filled, very tight, spotty yellow fluorescence and cut, trace of Coal
8990	9000	10	Shale as above with Sandstone as above
9000	9020	20	Sandstone as above with Siltstone as above
9020	9030	10	Siltstone grayish-brown, sandy, argillaceous, carbonaceous, hard, with dark brown carbonaceous Shale
9030	9040	10	Sandstone white to tan, S & P, very fine grained, angular, quartzitic, silty, slightly calcareous, very hard and tight, show as above
9040	9050	10	Shale dark brown, silty, carbonaceous, firm, brittle with brown Siltstone as above
9050	9080	30	Shale as above with Sandstone as above
9080	9090	10	Sandstone as above with brown shaly Siltstone
9090	9100	10	Siltstone medium to dark brown, sandy, argillaceous, earthy, firm, brittle

SAMPLE DESCRIPTION CONT'D.

9100	9110	10	Shale, Sandstone, Siltstone, and Coal (cavings after trips -- fishing)
9110	9130	20	Sandstone white, S & P, very fine grained, angular, quartzitic, fair sorting, calcareous, spotty fluorescence and cut, very hard and tight
9130	9140	10	Shale light tan to brown, very silty, highly calcareous, carbonaceous in part, with tan calcareous Siltstone
9140	9150	10	Shale as above darker brown, more carbonaceous with a trace of Sandstone
9150	9180	30	Sandstone white to tan, very fine grained, angular, S & P, calcareous, clay filled, quartzitic, silty, spotty yellow fluorescence and cut, very hard and tight
9180	9210	30	Sandstone as above, fine to very fine grained, less silty, tight, show as above
9210	9220	10	Siltstone brown to tan, clay filled, sandy, firm to hard
9220	9230	10	Shale brown to tan, silty, earthy, firm with a small amount of Siltstone as above
9230	9240	10	Sandstone white to tan, S & P, very fine grained, angular, heavily clay filled, calcareous, slightly quartzitic, poorly sorted, hard and tight, spotty fluorescence and cut
9240	9260	20	Sandstone as above except fine to very fine grained, less clay filling, more calcareous
9260	9270	10	Siltstone brown, clay filled, sandy, firm
9270	9280	10	Sandstone white, S & P, fine to very fine grained, angular, calcareous, quartzitic, spotty yellow fluorescence and cut, hard and tight with a small amount of carbonaceous Shale
9280	9290	10	Siltstone as above, grading to Sandstone as above
9290	9300	30	Shale brown, silty, carbonaceous, soft to firm
9300	9310	10	Siltstone and Sandstone as above
9310	9330	20	Sandstone white to tan, fine to very fine grained, angular, calcareous, quartzitic, spotty yellow fluorescence, good cut, hard and tight

SAMPLE DESCRIPTION CONT'D.

Circulate @ 9336' with 15 minute samples

	15 minutes		Sandstone as above with light brown earthy Shale
	30 minutes		Sandstone as above
	45 minutes		Sandstone as above
	60 minutes		Sandstone as above with Shale light to medium brown, earthy, carbonaceous, silty, firm
9330	9340	10	Shale medium brown, silty, earthy, firm
9340	9360	20	Sandstone tan, S & P, fine to very fine grained, angular, clay filled, calcareous, slightly quartzitic, spotty yellow fluorescence and cut, very hard and tight with a trace of Coal
9360	9380	20	Shale dark brown, silty, fissile, highly carbonaceous, firm, with thin Coal veins
9380	9440	60	Shale as above, trace of Coal and Sandstone
9440	9450	10	Sandstone white, fine to very fine grained, angular, calcareous, quartzitic, slightly friable, spotty yellow fluorescence and cut, hard and tight
9450	9460	10	Shale dark brown, silty, blocky to fissile, carbonaceous, firm, with Coal veinlets and Sandstone as above
9460	9470	10	Sandstone as above, with shaly carbonaceous streaks
9470	9480	10	Shale and Sandstone as above with brown carbonaceous Siltstone
9480	9490	10	No sample -- depth correction
9490	9500	10	Sandstone as above, very silty to argillaceous in part
9500	9510	10	Shale medium to dark brown, silty to sandy, carbonaceous, earthy, firm
9510	9520	10	Sandstone tan, very fine grained, angular, very silty, clay filled, carbonaceous, quartzitic, calcareous, spotty fluorescence and cut, tight
9520	9540	20	Shale as above with brown, dirty Siltstone
9540	9570	30	Shale and Siltstone as above with a trace of Coal and a small amount of dirty carbonaceous Sandstone

SAMPLE DESCRIPTION CONT'D.

9570	9580	10	Sandstone white to tan, S & P, very fine grained, angular, quartzitic, calcareous, silty, hard and tight, spotty fluorescence and cut with brown carbonaceous Shale as above
9580	9590	10	Sandstone as above, increase in Shale
9590	9600	10	Sandstone white, S & P, fine to very fine grained, angular, quartzitic, calcareous, silty in part, spotty yellow fluorescence and cut, hard and tight
9600	9620	20	Sandstone as above with brown, silty, carbonaceous Shale and a trace of Coal
9620	9630	10	Sandstone white, S & P, fine to very fine grained, angular, quartzitic, calcareous, silty in part with fluorescence and cut
9630	9650	20	Shale brown, smooth, waxy, earthy, soft to firm
9650	9660	10	Shale as above with dirty gray Sandstone
9660	9680	20	Sandstone white to gray, fine to very fine grained, S & P, angular, heavily clay filled, highly calcareous, very dirty, spotty fluorescence and cut, very tight
9680	9700	20	Shale as above
9700	9720	20	Sandstone as above, somewhat quartzitic
9720	9730	10	Sandstone grading to light brown Siltstone, with Shale brown, silty, carbonaceous, and a trace of Coal
9730	9750	20	Sandstone white to gray, fine to very fine grained, angular, S & P, silty, quartzitic, very poorly sorted, hard and tight, no show, with Shale, Siltstone, and Coal as above
9750	9760	10	As above, decrease in Sandstone
9760	9770	10	Mainly Coal with Shale, Sandstone and Siltstone as above
9770	9790	20	Sandstone white to brown, S & P, very fine grained, angular, quartzitic, carbonaceous, silty, calcareous, very poorly sorted, hard and tight with Shale brown, carbonaceous, silty, hard, brittle, and thin Coal beds
9790	9800	10	Sandstone and Shale as above, increase in Shale, decrease in Sandstone

SAMPLE DESCRIPTION CONT'D.

9,800	9,830	30	Sandstone as above with a trace of Coal, increasing to abundant Coal
9,830	9,860	30	Sandstone white to brown, S & P, fine to very fine grained, angular to sub-angular, quartzitic, silty, hard and tight, no apparent show with a trace of Coal
9,860	9,920	60	Sandstone as above, with increase in Coal
9,920	9,930	10	Shale gray to tan, silty to sandy, calcareous, earthy, firm, with Siltstone gray, sandy, quartzitic, hard
9,930	9,950	20	Siltstone as above with Shale gray to dark brown, silty, calcareous, carbonaceous, earthy, blocky, firm to hard
9,950	9,970	20	Shale as above, decrease in Siltstone
Depth correction 12.48' per SLM			
9,950	9,980	30	Shale as above, a few pieces becoming fibrous to fissile
9,980	10,000	20	Siltstone white to tan, S & P, calcareous, sandy, hard with a trace of Shale as above
10,000	10,010	10	Siltstone as above with dark brown silty Shale
10,010	10,020	10	No sample
10,020	10,040	20	Siltstone as above with a trace of dark brown fissile Shale
10,040	10,060	20	Siltstone light gray to tan, sandy, quartzitic, grading to highly argillaceous with a small amount of gray silty fissile Shale
10,060	10,070	10	Shale dark gray silty to earthy, fissile to blocky with decreasing amount of Siltstone as above
10,070	10,120	50	Shale as above, less silty with a trace of Siltstone as above
10,120	10,140	20	Shale as above, slightly more silty
10,140	10,230	90	Shale dark gray to brownish-gray, earthy to slightly silty, blocky to fissile, firm
10,230	10,297	68	Shale as above, more silty.
Circulate @ 10,297'			As above

SCHLUMBERGER CORE SLICES

<u>From</u>	<u>To</u>	<u>Description</u>
9863	9866	Recovery broken into small fragments Sandstone light gray with brown mud stain, S & P, fine to very fine grained, angular, highly quartzitic with some fractures across quartz grains, grain size and shape generally indistinct due to silica cement, no apparent show, very hard and tight, few pieces Coal
9827	9830	Recovery broken into small fragments Sandstone gray with brown mud stain, heavily S & P, fine to medium grained, angular to sub-angular, very poor sphericity, highly quartzitic, very hard and tight with fractures across quartz grains, grains indistinct with some quartz crystal intergrowths, very poorly sorted
9783	9786	Sandstone as above except mainly fine grained
9320	9323	Recovery broken into small fragments from saw Sandstone brown, S & P, fine to very fine grained, angular to sub-angular, very poorly sorted, quartzitic, slightly calcareous, slightly micaceous, slightly silty, hard and tight
9307	9310	Recovery highly fractured Sandstone gray with brown mud stain, very fine grained to silty, highly quartzitic, indistinct grain size and shape, micaceous, slightly argillaceous, very hard and tight, some pieces with Shale partings and a trace of Coal fragments
7822	7825	Full recovery 7822 to 7822 $\frac{1}{2}$ Sandstone gray with brown to tan mud stain, fine to very fine grained, angular to sub-rounded, heavily S & P, quartzitic, calcareous, hard and tight, no show, thin clay filled laminae @ 7822 $\frac{1}{2}$ ' with Coal veinlets with a trace of vertical fractures 7822 $\frac{1}{2}$ to 7823 Sandstone as above with clay filled argillaceous laminae @ 7823' and Coal veinlets 7823 to 7825 Sandstone as above, no vertical fractures

SCHLUMBERGER CORE SLICES CONT'D.

7816	7819	Recovery partially fractured Sandstone gray with brown stain, S & P, fine to very fine grained, angular to sub-rounded, very calcareous, silty, well cemented, tight, no visible porosity
7294	7297	No recovery
7270	7273	Partial recovery, good samples Sandstone gray with brown mud stain, fine to very fine grained, angular to sub-angular, calcareous, well cemented, fractured from saw cut, with scattered thin Shale partings, tight, no show, no visible porosity
7265	7268	Recovery highly fractured from saw process Sandstone gray to tan with brown mud stain, S & P, fine to medium grained, angular to sub-angular, well cemented, calcareous, tight, no visible porosity
6262	6265	No recovery
6248	6251	No recovery
6285	6288	Good recovery Shale gray, silty, carbonaceous, siliceous, hard

CHORNEY OIL COMPANY

111 EAST SECOND — P. O. BOX 144

PHONE 234-4575 OF 234-7164

CASPER, WYOMING 82601

RAYMOND CHORNEY.
PRESIDENT

DIVISION OFFICE
1140 LINCOLN TOWER BLDG.
DENVER, COLORADO 80203
PHONE (303)—222-7886

August 1, 1972

Mr. Charles Pennypacker Smith (2)
Pacific Gas Transmission Company
245 Market Street
San Francisco, California 94105

Mr. Burke Isbell (2)
Diamond Shamrock Corporation
P. O. Box 631
Amarillo, Texas 79105

Mr. Stanley M. Edwards (1)
P. O. Box 376
Casper, Wyoming 82601

Mr. Gerald Daniels, District Engineer (2)
United States Geological Survey
8416 Federal Building
Salt Lake City, Utah 84111

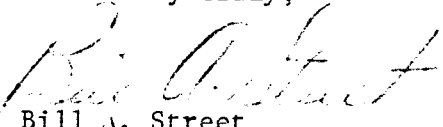
Mr. Cleon B. Feight, Director (2)
Utah Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: CHORNEY OIL COMPANY
SOUTH RED WASH-FEDERAL #1-23
SW/4 SW/4 Sec. 23, T8S, R23E, SLM
Uintah County, Utah

Gentlemen:

Enclosed for your files is required number of Geologist's Report, prepared by Mr. Ted Lindgren, covering the subject well.

Yours very truly,


Bill A. Street
Operations Geologist

jm
Encl

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284	
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23, T8S, R23E, S1M (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash Federal	
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 23-T8S-R23E, S1M	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Plug Back ☒

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☒

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above well was drilled to a total depth of 10,297', penetrating the Mancos formation. 12 DST's were taken:

#1, 2, 3, 4 - Mesaverde formation.

#5 - 9169-9336; rec. 566' HGCDM.

#6 - Misrun

#7 - Misrun

#8 - 7250-7315'; packer failure.

#9 - 7248-7360' - rec. 260' GCDM.

#10 - 6245-6263'; rec 96' drilling fluid, no gas.

#11 - Misrun

#12 - 9684-9912'; rec. 545' drilling fluid, 90' SGCDM, total fluid 635'.

Electric logs were run. No commercial shows were encountered. Verbal approval was received from UO&GC, Mr. Paul Buschell, on July 24, 1972, to P & A as follows:

10,153 to 9987' 50 sx: 7,546 to 7446' 30 sx: 5,300 to 5,244' 30 sx: 1,642 to 1,601' 30 sx: 300-271' 30 sx: Surface 10 sx.

Well was plugged back to 5,244'. Plans are to move in a service unit and test Green River zones through pipe prior to pulling 9-5/8" intermediate casing and completing approved P & A.

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Boltz Jr.
Sam T. Boltz Jr.

TITLE Operations Manager

DATE 8-1-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Pacific Gas Transmission Co.
Diamond Shamrock

*See Instructions on Reverse Side

STATE OF UTAH

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23, T8S, R23E, S1M (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash - Fed.
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, S1M
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Monthly Operations Report

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

9-10-72: Waiting on service unit.

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Boltz, Jr.

TITLE Operations Manager

DATE Sept. 15, 1972

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: Pacific Gas Transmission Co.
Diamond Shamrock
Stanley Edwards

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284	
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash - Fed.	
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23	
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA Sec. 23-T8S-R23E, SIM	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Other) Monthly Operations Report ☒ (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10-10-72: WO service unit

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED Sam T. Boltz, Jr.
(This space for Federal or State office use)

TITLE Operations Manager

DATE October 10, 1972

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

cc: PGT

Diamond Shamrock
Stan Edwards

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284	
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash - Fed.	
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd.		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, SLM	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Monthly Operations Report <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

11-14-72: WO service Unit

18. I hereby certify that the foregoing is true and correct

SIGNED Sam T. Boltz, Jr.
(This space for Federal or State office use)

TITLE Operations Manager

DATE November 14, 1972

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

cc: PGT

Diamond Shamrock
Stan Edwards

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL) Uintah County, Utah		8. FARM OR LEASE NAME South Red Wash - Fed.
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, SLM
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* 12-13-72: WO Service Unit.		12. COUNTY OR PARISH Uintah
18. I hereby certify that the foregoing is true and correct SIGNED <u>Sam T. Boltz, Jr.</u> TITLE <u>Operations Manager</u> DATE <u>December 13, 1972</u> (This space for Federal or State office use)		13. STATE Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <u>Monthly Operations Report</u> <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

18. I hereby certify that the foregoing is true and correct

SIGNED Sam T. Boltz, Jr.

TITLE Operations Manager

DATE December 13, 1972

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

PGT
Diamond Shamrock
Stan Edwards

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>Utah 0143284</u>	
2. NAME OF OPERATOR <u>CHORNEY OIL COMPANY</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME 	
3. ADDRESS OF OPERATOR <u>P. O. Box 144, Casper, Wyoming 82601</u>		7. UNIT AGREEMENT NAME 	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL)</u> <u>Uintah County, Utah</u>		8. FARM OR LEASE NAME <u>South Red Wash - Fed.</u>	
		9. WELL NO. <u>1-23</u>	
		10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 23-T8S-R23E, SLM</u>	
14. PERMIT NO. <u>43-047-30125</u>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>5131' Grd.</u>	12. COUNTY OR PARISH <u>Uintah</u>	13. STATE <u>Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <u>Monthly Operations Report</u>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1-12-73: WO Service Unit.

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Boltz, Jr.

TITLE Vice Pres., Operations

DATE January 12, 1973

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

PGT S. Edwards
Diamond Shamrock

TITLE

DATE

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL)		8. FARM OR LEASE NAME South Red Wash - Fed.
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat
12. COUNTY OR PARISH Uintah		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 23-T8S-R23E SLM
13. STATE Utah		16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Monthly Operations Report <input checked="" type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*			

1-31-73: WO Service Unit.

PLEASE HOLD CONFIDENTIAL:

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Rolfe
Sam T. Rolfe

TITLE Vice President, Operations

DATE January 31, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PGT

SE

Diamond Shamrock

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL)		8. FARM OR LEASE NAME South Red Wash - Fed.
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	FULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other) Monthly Operations Report		(Other) <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

2-28-73: WO Service Unit

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED Sam T. Boltz, Jr. TITLE Vice President, Operations DATE March 5, 1973
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

PGT

SE

Diamond Shamrock

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL)		8. FARM OR LEASE NAME South Red Wash - Fed.
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd.		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, SLM
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) Monthly Operations Report ☒PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

3-31-73: Further action held in abeyance - evaluating additional drilling activities in the area.

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Bolter Jr.

TITLE Vice President, Operations

DATE April 10, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PGT

CF

Diamond Shamrock

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284	
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 144, Casper, Wyoming 82601		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL)		8. FARM OR LEASE NAME South Red Wash - Fed.	
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd.		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, SLM	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Monthly Operations Report <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4-30-73: Further action held in abeyance - evaluating additional drilling activities in the area.

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

Sam T. Boltz, Jr.
Sam T. Boltz, Jr.

TITLE Vice President, Operations

DATE May 10, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

PGT

CF

DIAMOND SHAMROCK

*See Instructions on Reverse Side

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Wildcat		5. LEASE DESIGNATION AND SERIAL NO. Utah 0143284
2. NAME OF OPERATOR CHORNEY OIL COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1140 Lincoln Tower Building, Denver, Colorado 80203		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SW Sec. 23-T8S-R23E, SLM (541' FWL, 801' FSL)		8. FARM OR LEASE NAME South Red Wash - Fed.
14. PERMIT NO. 43-047-30125		9. WELL NO. 1-23
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5131' Grd.		10. FIELD AND POOL, OR WILDCAT
12. COUNTY OR PARISH Uintah		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23-T8S-R23E, SLM
13. STATE Utah		16. COUNTY OR PARISH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐

PULL OR ALTER CASING

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☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

Monthly Operations Report

☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

☐
☐
☐
☐
☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

5-4-73: Cleaned loc, drained reserve pit & sump, instld fence around pit.

7-25-73: Further action held in abeyance - evaluating additional drilling activities in the area.

PLEASE HOLD CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

John T. Dettl

TITLE Vice President, Operations DATE July 25, 1973

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

PGT

CF

DIAMOND SHAMROCK

*See Instructions on Reverse Side

*Natural Gas
Corporation of
California*

July 27, 1983

Chorney Oil Company
555 17th Street, Ste. 1000
Denver, Colorado 80202-3910

Pacific Transmission Supply Co.
245 Market Street, Room 1405
San Francisco, California 94105

Attn: Mr. Sam T. Boltz

Attn: Mr. H. G. Culp

Re: AFE for Plugging and Abandonment
Sand Ridge #1-23
South Red Wash
SWSW Sec. 23-T8S-R23E
Uintah County, Utah

Gentlemen:

This is to request your approval to plug and abandon the subject well. A copy of the AFE for the proposed P&A is attached for your approval along with a copy of the field map and a marginal well review sheet.

Upon approval, please return one signed copy of the AFE to this office at your earliest convenience.

Sincerely,

Linda Griffin

Linda Griffin

/LG
Attachment



RAYMOND CHORNEY
PRESIDENT

CHORNEY OIL COMPANY

SUITE 1000
555 SEVENTEENTH STREET
DENVER, COLORADO 80202-3910

July 28, 1983



Ms. Linda Griffin
Natural Gas Corp. of California
7800 East Union Avenue, Suite 800
Denver, Colorado 80237

Re: AFE for Plugging & Abandonment
Sand Ridge #1-23
South Red Wash
SW SW Section 23, T8S, R23E
Uintah County, Utah

Dear Ms. Griffin:

In reference to your letter of July 27, 1983, attaching an AFE and requesting our approval to P&A the above referenced well, subject AFE is herewith returned unapproved. As quoted in my letter of May 6, 1975, we recommended, as operator, to Pacific Transmission Supply, as successor operator, that we could not see further merits in the well and recommended it be plugged and abandoned.

To preclude doing unnecessary research, we are attaching copies of our letter of February 18, 1972, addressed to your Mr. Charles Pennypacker Smith, wherein consideration involving your drilling the above well be at your sole cost, risk and expense.

We are also attaching a copy of our AFE, wherein your Mr. Smith approved Pacific Gas Transmission Company assuming 100% of the cost. For your further information, Chorney Oil Company no longer has any interest in the acreage involved in this well site.

Yours very truly,

Sam T. Boltz, Jr.
Vice President, Operations

STB:nah

cc: H. G. Culp
PTS - San Francisco

Attachments

CC TO

Bob S.	
Buck S.	
Butch F.	
Chuck F.	
Craig S.	2575
Doris D.	
Gary D.	
Gene S.	
Jeff C.	
Nancy H.	
Pat G.	
Paul R.	
Ray C.	
Ray J.	
Shirley L.	
Ward R.	
Wall F.	
ORIG: NA	

PHONE 3

W. H. H. H.

34
Natural Gas
Corporation of
California

September 12, 1983

Chief, Branch of Fluid Minerals
Utah State Office
Bureau of Land Management
University Club Building
136 East South Temple
Salt Lake City, UT 84111

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: Well #1-23 Federal, So. Red Wash
SW SW Section 23, T.8S., R.23E.
Uintah County, Utah

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Request for Approval to Plug and Abandon the subject well.

Sincerely,

Rick Canterbury

Rick Canterbury
Associate Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR
Natural Gas Corporation of California
3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 541' FWL and 801' FSL (SW SW) ✓
AT TOP PROD. INTERVAL: of Sec. 23, T.8S., R.23E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other)

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-0143284
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Federal
9. WELL NO.
1-23
10. FIELD OR WILDCAT NAME
South Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T.8S., R.23E. SLM
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
43-047-30125
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5131' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to plug the subject well using the following procedure as discussed with Jimmy Raffoul on July 5, 1983.

- 1) Set a cement plug from 3800'-4000' ✓
- 2) Perforate at 2000' and squeeze w/100 sx of cement.
- 3) Set a cement plug from 1900' to 2100' ✓
- 4) Set a 200' plug at surface in and out of the 9-5/8" casing.
- 5) Mud wt. in the well will be 9.0 lb. fresh mud.
- 6) The location will then be cleaned up, recontoured and seeded per BLM directives.

*** APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

Subsurface Safety Valve: Manu. and Type

DATE

Set @ _____ Ft.

BY: *[Signature]*

18. I hereby certify that the foregoing is true and correct

SIGNED *Rick Canterbury* TITLE Associate Engr. DATE Sept. 12, 1983

(This space for Federal or State office use)

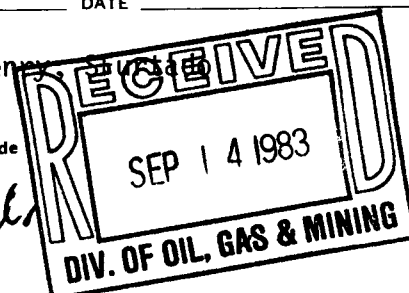
APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

cc: BLM; Div. OG&M; Operations; CTC Clark; ER Henry

* Please provide the Division of O.G&M
with evidence of Operator change
from Chorney Oil Co to PTS/NGC of Cal.



UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, Utah 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 541' FWL, 801' FSL, (SW-SW)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: Section 23, T.8S., R.23E.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☒

5. LE

U-0143284

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
1-23

10. FIELD OR WILDCAT NAME
South Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 23, T.8S., R.23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30125

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5131' GR.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the successful abandonment of the subject well:

- 1) Set a cement plug from 3800' - 4000': 75 sxs.
- 2) Perforated at 2000' and squeezed with 100 sxs cement.
- 3) Set a cement plug from 1900' to 2100': 75 sxs. Tagged plug at 1800'.
- 4) Set 200' plug at surface: 75 sxs in and 66 sxs out of the 9-5/8" casing.
- 5) Mud wt.: 9.0 lbs.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED William A. Ryan

TITLE Petroleum Engineer DATE 9/20/83

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

cc: BLM; Div. OG&M; Operations; CTCIark; ERHenry; SFurtado

13

RECORDED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9/20/83
BY: [Signature]

*Natural Gas
Corporation of
California*

September 20, 1983

Chief, Branch of Fluid Minerals
Utah State Office
Bureau of Land Management
University Club Building
136 East South Temple
Salt Lake City, UT 84111

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

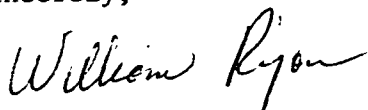
Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: Well #1-23 Federal, So. Red Wash
SW SW Section 23, T.8S., R.23E.
Uintah County, Utah

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Subsequent Report to Plug and Abandon the subject well.

Sincerely,



William A. Ryan
Petroleum Engineer

/ln

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED
SEP 22 1983



RAYMOND CHORNEY
PRESIDENT

CHORNEY OIL COMPANY

SUITE 1000
555 SEVENTEENTH STREET
DENVER, COLORADO 80202-3910

RECEIVED

SEP 20 1984

DIVISION OF OIL
GAS & MINING

September 18, 1984

PHONE 303/293-2575

Mr. Norm Stout
State of Utah
Natural Resources
4241 State Office Building
Salt Lake City, Utah 84114

Re: Overdue Production Reports

South Red Wash Federal #1-23
SW SW Section 23, T8S, R23E
Uintah County, Utah

South Red Wash Federal #1-18
NW NE Section 18, T9S, R24E
Uintah County, Utah

S. E. Flank Uinta #1-28
SW SW Section 28, T15S, R22E
Uintah County, Utah

Dear Mr. Stout:

Chorney Oil Company, per se, has not operated the wells in the above referenced area for the last seven to eight years. The operation of the above referenced wells was assumed by Natural Gas Corporation of California. The assumption of operations and the responsibility for issuing production reports is theirs.

We are attaching copies of applicable correspondence for each of the wells in order that you might clear our name from your report for responsibility for production reports. According to our information, only one of the wells is now currently in production. The others are either approved for P&A, or have been P&A'd. The one producing well is the South Red Wash Federal #1-18, formerly Beehive Unit Well #1-18.

By copy of this letter to Natural Gas Corporation of California, we are alerting them as to your request for production reports.

Yours very truly,

Sam T. Boltz, Jr.
Vice President, Operations

STB:nah

cc: Ted Clark - NGCC
Denver, Colo.

Attachments

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

SERIAL No.: UTAH 0143284

and hereby designates

NAME:

NATURAL GAS CORPORATION OF CALIFORNIA

ADDRESS:

Denver Corporate Center - Tower II

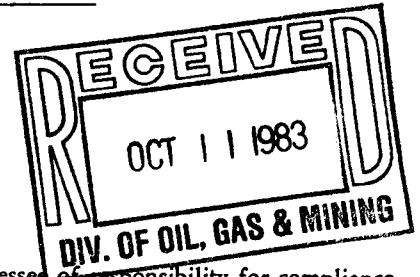
7800 East Union Avenue, Ste 800

Denver, CO 80237

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 8 South, Range 23 East
Section 23: All

Uintah County, UT



It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

CHORNEY OIL COMPANY


Ass't. Sec.


Vice Pres. (Signature of lessee)

September 19, 1983

(Date)

555 17th Street, Ste 1000
Denver, CO 80202-3910

(Address)

*Natural Gas
Corporation of
California*

13 OCT 11 1983

DIVISION OF
GAS & MINING

October 7, 1983

Mr. R. J. Firth
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Re: ✓ Well #1-23
Section 23, T.8S., R.23E.
Uintah County, UT

Dear Ron:

Enclosed is the Designation of Operator from Chorney Oil Company
to Natural Gas Corporation for the subject well.

Sincerely,

Rick Canterbury
Rick Canterbury
Associate Engineer

Enclosure

cc: Operations
C. T. Clark
E. R. Henry